Milestone Maths Placement Tests

Who Should Use This Test?

Answers

If you have a child who is at least 5.5 years old and has never had any formal mathematical training, you may use this test to determine if they are ready to begin level B or if they should start with level A.

If you have an older child, you should use these tests to place your child accurately in the Milestone Maths program. Since Milestone Maths is a mastery program, accurate placement is essential for success.

Who Should NOT Use This Test?

If your child is less than 5.5 years old, you do not need to test. Start at level A.

If your child has just completed a level of Milestone Maths, there is no need to complete this test, but you may do so if you would like to track their mathematical progress.

Administering The Tests

For young children (< 6 years old) begin with Test A and follow the directions at the end of each test.

Older children should begin at Test B and follow the directions at the end of each test. Older children may take several days to complete the test. **Do not try to do too much in one day as fatigue will affect the results.** We suggest that you spend no more than half an hour per day on these tests.

There is no time limit for the tests, but you should watch your child complete the basic fact questions: they should not overly hesitate or "count" the answers.

As this is a maths test, and not a reading test, it is OK if you need to read the questions to your student. However, you should not help them to answer any of the questions as this will defeat the purpose of the test. If they beg you to help, just say to your child, "We only want to find out what you can do on your own so we know which book to start at. Just try your best, and leave a blank if you really don't know how to do a question."

Required Materials:

— Levels B and above: Pencil, ruler & rubber

— For Level E: Protractor

Test B1 Answers

Note: it is OK for the parent to read the instructions to the student, but you should not 'help' the child or teach them at all.

1. Write the numbers 0-10 on the number line in the proper place:



10 points. Deduct one point for each error.

2. Count **up** from the following numbers:

2, 3, 4, 5 7, 8, 9, 10 4, 5, 6

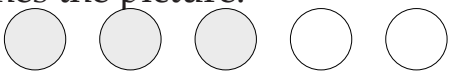
8 points. Deduct one point for each error.

3. Count **down** from the following numbers:

3, 2, 1, 0 9, 8, 7, 6 5, 4, 3

8 points. Deduct one point for each error.

4. Write a sum that matches the picture:

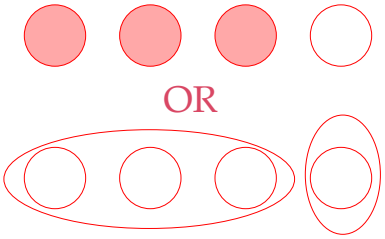


3 + 2 = 5 (or 2 + 3 = 5)

1 point.

5. Draw a picture that matches the sum:

3 + 1 = 4



1 point.

Placement Instructions

Less than 23 points: Begin at Level B1

23 points or more: Proceed to Test B2

Test B2 Answers

Note: it is OK for the parent to read the instructions to the student, but you should not 'help' the child or teach them at all.

1. Write the numbers 10-20 on the number line in the proper place:



10 points. Deduct one point for each error.

2. Count **up** from the following numbers:

9, 10, 11, 12 16, 17, 18, 19 14, 15, 16

8 points. Deduct one point for each error.

3. Circle the **smallest** number in each set:

(10) 19 12 | 16 (13) 14

8 points.

3. Write the sums:

3 + 7 = 10	6 + 4 = 10	2 + 8 = 10
1 + 1 = 2	7 + 3 = 10	3 + 1 = 4
1 + 9 = 10	1 + 4 = 5	2 + 2 = 4
4 + 6 = 10	8 + 2 = 10	2 + 3 = 5
3 + 2 = 5	5 + 5 = 10	1 + 2 = 3

15 points. Deduct one point for each error.

Placement Instructions

Less than 29 points: Begin at Level B2

23 points or more: Proceed to Test B3

Note: the child should be able to answer the sums in exercise 3 without counting on fingers.

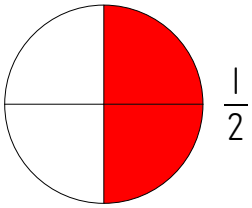
Test B3 Answers

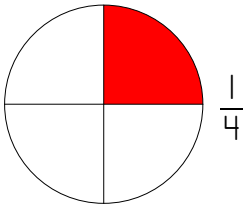
1. Write the numbers 70-80 on the number line in the proper place:

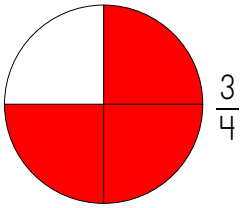


10 points. Deduct one point for each error.

2. Colour the fraction of the shape indicated.







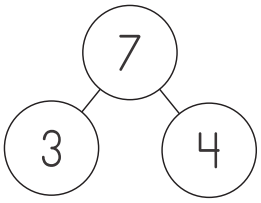
6 points (2 points each).

3. Count by **tens.** Start at **10** and stop at **100**.

10 20 30 40 50 60 70 80 90 100

10 points. Deduct one point for each error.

3. Write the four equations (fact family) represented by the number bond.



3 + 4 = 7

7 - 3 = 4

4 + 3 = 7

7 - 4 = 3

8 points. (2 points each) Order is not important.

5. Find the sums.

4 + 5 = 9	5 + 4 = 9	7 + 2 = 9
1 + 7 = 8	1 + 6 = 7	8 + 1 = 9
6 + 3 = 9	3 + 5 = 8	3 + 1 = 4
5 + 5 = 10	4 + 4 = 8	6 + 1 = 7
2 + 7 = 9	6 + 2 = 8	2 + 8 = 10

15 points. Deduct one point for each error or hesitation.

Placement Instructions

Less than 41 points: Begin at Level B3

41 points or more: Proceed to Test B4

Test B4

Note: it is OK for the parent to read the instructions to the student, but you should not 'help' the child or teach them at all.

1. Measure the bars to the nearest centimetre:

5cm

3cm

4 points (2 points each).

2. Fill in the blanks.

$\frac{1}{2}$ of 10 is 5 $\frac{1}{2}$ of 6 is 3 $\frac{1}{2}$ of 8 is 4 $\frac{1}{2}$ of 4 is 2

8 points (2 points each).

3. Find the sums.

5 + 1 = 6	5 + 2 = 7	2 + 7 = 9
3 + 3 = 6	4 + 3 = 7	8 + 2 = 10
3 + 4 = 7	6 + 2 = 8	4 + 4 = 8
1 + 9 = 10	2 + 4 = 6	6 + 4 = 10
3 + 1 = 4	4 + 2 = 6	8 + 1 = 9
6 + 1 = 7	7 + 3 = 10	1 + 6 = 7
2 + 3 = 5	1 + 8 = 9	3 + 6 = 9
4 + 6 = 10	6 + 3 = 9	5 + 3 = 8

24 points. Deduct one point for each error or hesitation.

Placement Instructions

Less than 30 points: Begin at Level B4

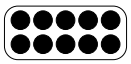
30 points or more: Proceed to Test C1

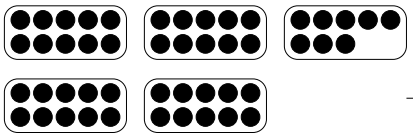
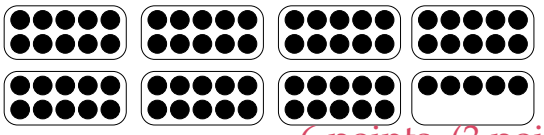
Test C1 Answers

1. How many digits in each number:

254 3 3 1 1,287 4

6 points. (2 points each).

2.  This picture contains ten dots. Count the dots in each group:

 48  75

6 points. (3 points each).

Note: the child should not count individual dots in the full rectangles.

2. Write the numbers on the place value charts.

	t	o
35	3	5

	t	o
20	2	0

	t	o
94	9	4

	t	o
68	6	8

8 points. (2 points each).

3. The number 42 written in expanded form is: 42 = 40 +2. Write the following in expanded form.

36 = 30 + 6 72 = 70 + 2

6 points. (3 points each).

3. Find the differences.

8 - 4 = 4 3 - 2 = 1 10 - 4 = 6

10 - 1 = 9 6 - 3 = 3 7 - 2 = 5

10 - 3 = 7 10 - 6 = 4 6 - 2 = 4

9 - 2 = 7 8 - 3 = 5 7 - 4 = 3

6 - 4 = 2 9 - 4 = 5 9 - 7 = 2

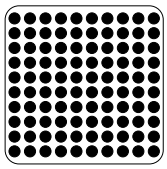
15 points. (1 point each).

Placement Instructions

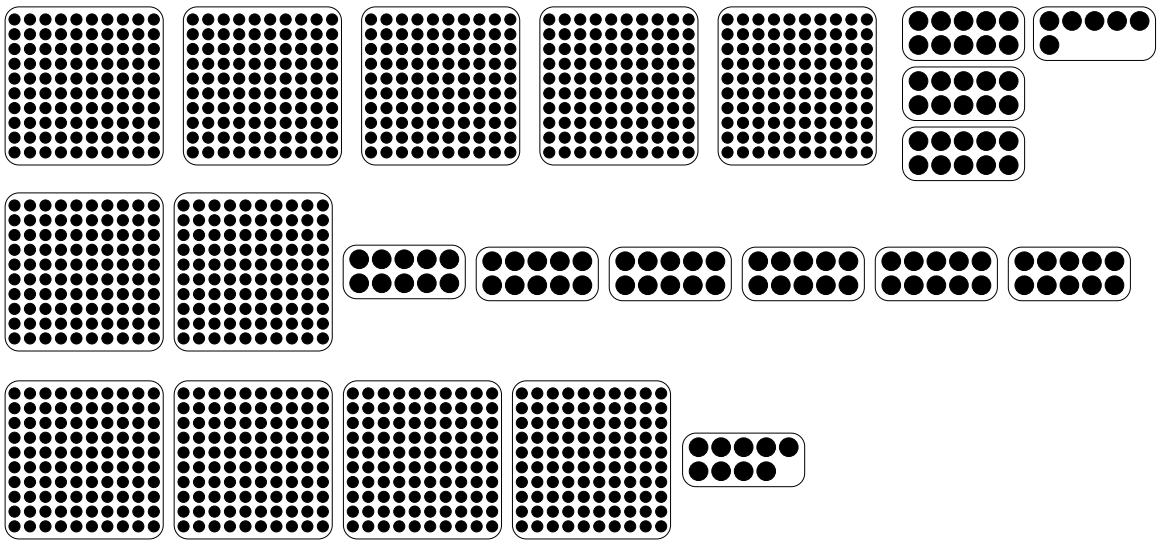
Less than 36 points: Begin at Level C1

36 points or more: Proceed to Test C2

Test C2 Answers



1. This grid contains 100 dots. Write how many dots are in each picture below:



536

260

409

3 points. (1 point each).

2. Write the numbers on the place value charts.

245

h	t	o
2	4	5

307

h	t	o
3	0	7

190

h	t	o
1	9	0

3 points. (1 point each).

3. Write the numbers in expanded form.

245 = 200 + 40 + 5

190 = 100 + 90 + 0

307 = 300 + 0 + 7 (zeros not necessary)

3 points. (1 point each).

3. Calculate:

			2	3
		+	7	5
			9	8

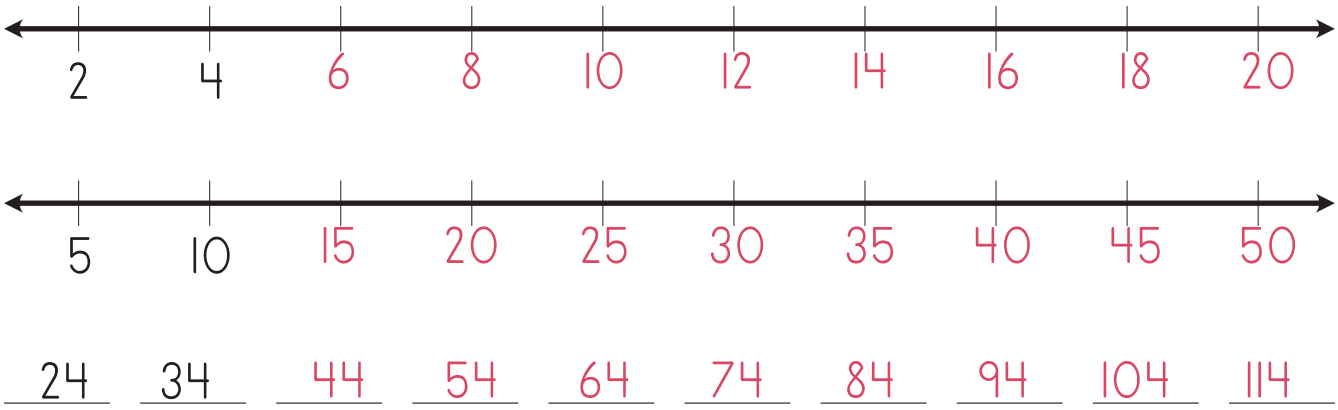
			6	8
		+	1	4
			8	2

			8	7
		-	3	6
			5	1

			9	0
		-	4	5
			4	5

12 points. (3 points each).

3. Skip count:



24 34 44 54 64 74 84 94 104 114

25 points. (Deduct one point for each error).

4. Add:

49 + 10 = 59 54 + 9 = 63 22 + 9 = 31

16 + 9 = 25 44 + 10 = 54 38 + 10 = 48

62 + 9 = 71 63 + 10 = 73 24 + 9 = 33

9 points. (1 point each).

5. Add:

8 + 7 = 15 7 + 9 = 16 9 + 7 = 16

7 + 4 = 11 7 + 7 = 14 4 + 2 = 6

7 + 2 = 9 7 + 6 = 13 3 + 9 = 12

3 + 7 = 10 7 + 10 = 17 9 + 2 = 11

2 + 7 = 9 1 + 7 = 8 3 + 8 = 11

15 points. (1 point each).

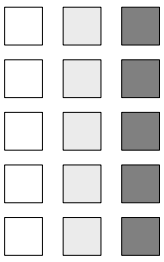
Placement Instructions

Less than 60 points: Begin at Level C2

60 points or more: Proceed to Test C3

Test C3 Answers

1. Write an addition equation and a multiplication equation about the picture.



5 + 5 + 5 = 15 or 3 + 3 + 3 + 3 + 3 = 15

3 × 5 = 15 or 5 × 3 = 15

4 points. (2 points each).

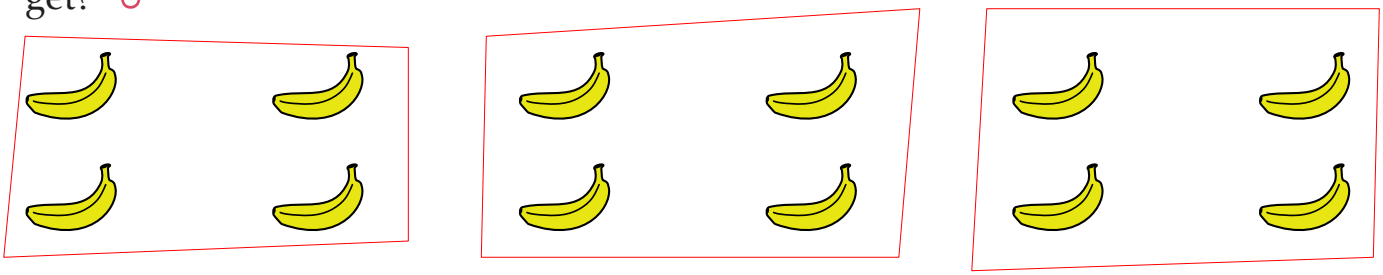
2. Write an addition to match each multiplication and solve:

4 × 4 = 4 + 4 + 4 + 4 = 16

2 × 5 = 5 + 5 = 10

6 points. (2 points for each equation, 1 point for each answer).

3.Share 12 bananas between 3 monkeys, how many bananas does each monkey get? 3



2 points. (1 point grouping, 1 point for answer).

4. How much money is shown in each row?



$7



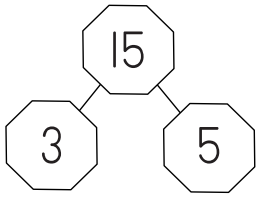
35c



$35

6 points. (2 points each).

5. Follow the example to write four equations represented by the multiplication number bond.

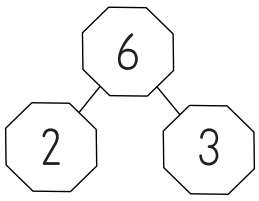


$3 \times 5 = 15$

$5 \times 3 = 15$

$15 \div 5 = 3$

$15 \div 3 = 5$



$2 \times 3 = 6$

$3 \times 2 = 6$

$6 \div 3 = 2$

$6 \div 2 = 3$

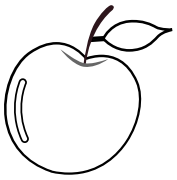
4 points. (1 point each equation).

6. Circle the even numbers.

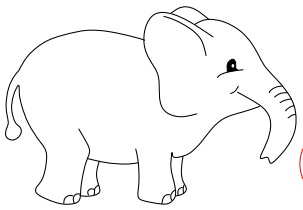
52 889 637 608 845 620

6 points. (deduct 1 point for each error).

7. Circle the most appropriate units to measure each object (in real life).



cm m



cm m



cm m

3 points. (deduct 1 point for each error).

5. Multiply:

$10 \times 10 = 100$ $2 \times 3 = 6$ $10 \times 3 = 30$

$2 \times 6 = 12$ $10 \times 1 = 10$ $10 \times 4 = 40$

$2 \times 1 = 2$ $10 \times 2 = 20$ $10 \times 8 = 80$

$2 \times 5 = 10$ $2 \times 8 = 16$ $2 \times 4 = 8$

$2 \times 9 = 18$ $10 \times 6 = 60$ $10 \times 9 = 90$

15 points. (deduct 1 point for each error).

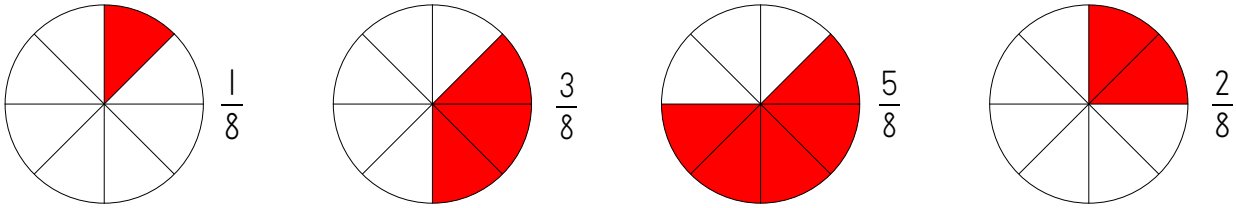
Placement Instructions

Less than 39 points: Begin at Level C3

39 points or more: Proceed to Test C4

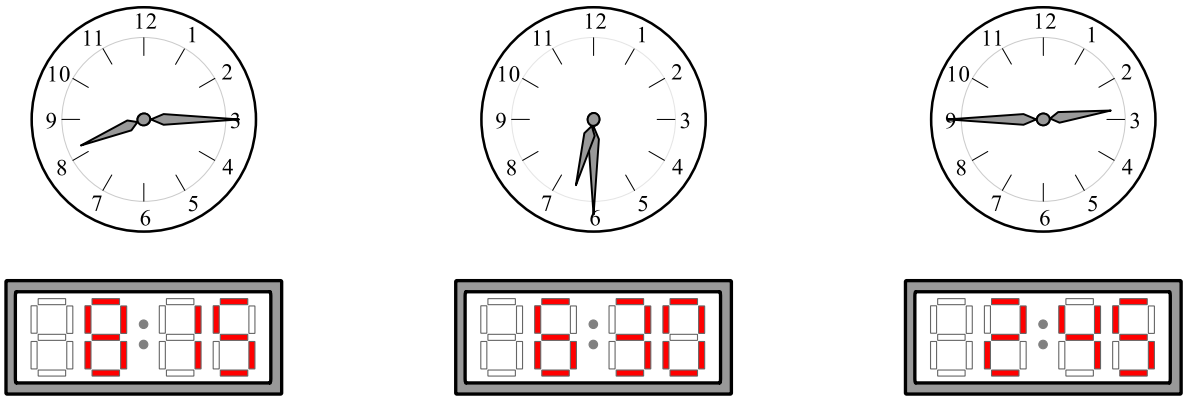
Test C4

1. Colour the fraction of the shape indicated.



12 points. (accept correct variations).

2. Colour the digital clock to match the time shown on the analogue clock and write the time in words.



Quarter past eight _____ Half past six _____ Quarter to three _____

12 points. (2 points digital, 2 points words).

3. Follow the instructions:

— Place a cross on the first fruit from the right.

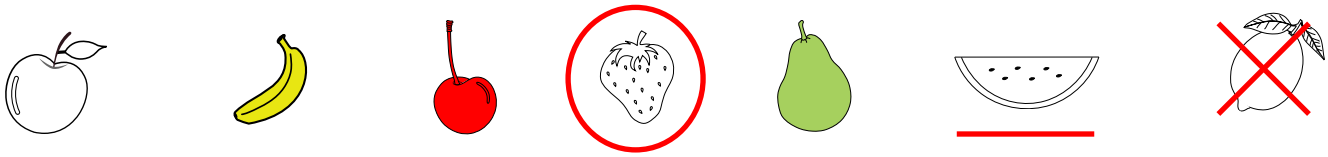
— Colour the third fruit from the left red.

— Colour the third fruit from the right green.

— Circle the fourth fruit from the left.

— Underline the second fruit from the right.

— Colour the second fruit from the left yellow.



12 points. (deduct 2 points for each error).

Continued over leaf

4. Follow the direction to colour the squares and make a picture. Colour neatly.

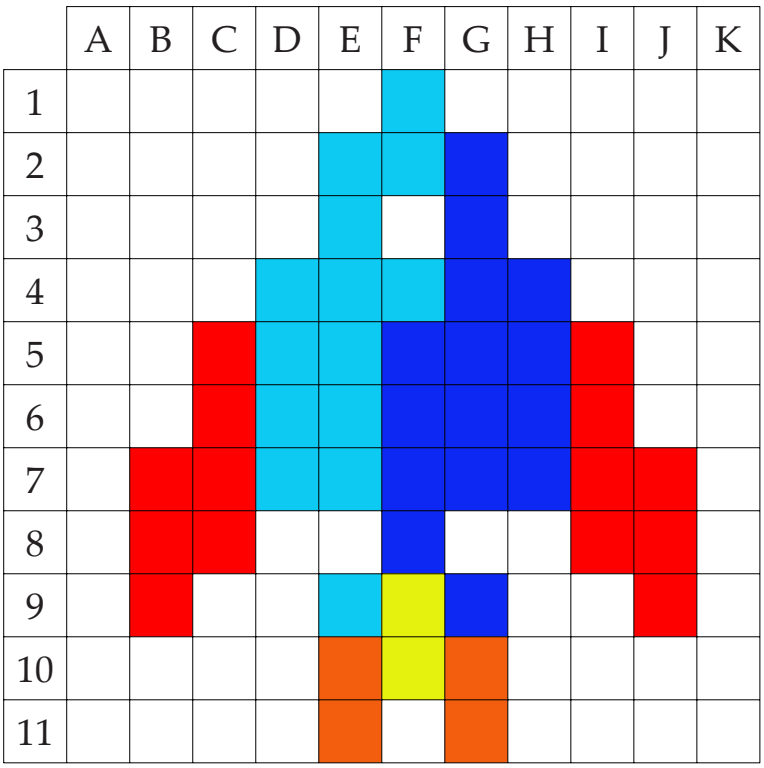
Light blue: F1 E2 F2 E3 D4 E4 F4 D5 E5 D6 E6 D7 E7 F7 E9

Blue: G2 G3 G4 H4 F5 G5 H5 F6 G6 H6 F7 G7 H7 F8 G9

Red: C5 I5 C6 I6 B7 C7 I7 J7 B8 C8 I8 J8 B9 J9

Yellow: F9 F10

Orange: E10 G10 E11 G11



30 points. (deduct 1 point for each error).

5. Multiply:

10 × 10 = 100	10 × 6 = 60	10 × 5 = 50
10 × 3 = 30	10 × 1 = 10	2 × 1 = 2
10 × 4 = 40	2 × 6 = 12	2 × 3 = 6
2 × 7 = 14	10 × 8 = 80	10 × 2 = 20
10 × 7 = 70	2 × 10 = 20	2 × 9 = 18
10 × 9 = 90	2 × 8 = 16	10 × 10 = 100
2 × 5 = 10	2 × 4 = 8	2 × 2 = 4

21 points. (deduct 1 point for each error).

Placement Instructions

Less than 77 points: Begin at Level C4

77 points or more: Proceed to Test D1

Test D1

1. Compare each pair of numbers (<, =, >) 6 points (1 each)

1495 > 149	3483 > 5602	9346 > 9319
1924 < 8252	3794 < 9766	3240 = 3240

2. Round the following numbers to the nearest 10. 5 points (1 each)

Number	25	62	86	47	34
Rounded	20	60	90	50	30

3. Estimate the sum and calculate it accurately. Then, write the correct sign (< = >) in the circle between the sums to compare the answers. 4 points (1 each)

35 + 45 21 + 43

Estimate **Actual** **Estimate** **Actual**

		3	0
	+	4	0
		7	0

<

		3	5
	+	4	5
		8	0

		2	0
	+	4	0
		6	0

<

		2	1
	+	4	3
		6	4

4. Calculate 5 points (1 each)

6	6	8	1	7
9	6	9	6	5
+4	+8	+5	+5	+7
19	20	22	12	19

5. Complete the number line then use it to add.

7 points (1 point for number line and 1 each for sums)



662 + 70 = 732 657 + 30 = 687 671 + 30 = 701

695 + 40 = 735 673 + 10 = 683 684 + 50 = 734

6. Calculate then perform the opposite operation to check your answer.

4 points (1 each)

	4	4	7
+	2	3	5
			682

check

	6	8	2
−	2	3	5
	4	4	7

	7	0	0
−	3	1	2
			388

check

	3	8	8
+	3	1	2
	7	0	0

7. Solve the missing number equation.

5 points (4 points for bar model and 1 point for solution each)

870 − ___ = 383

870	
	387

		8	7	0
	−	3	8	7
		4	8	3

Placement Instructions

Less than 30 points: Begin at Level D1

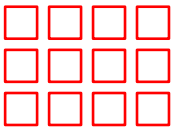
30 points or more: Proceed to Test D2

Test D2

1 point

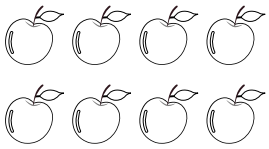
1. Draw an array to show the multiplication:

$3 \times 4 = 12$



4 points (1 point each)

2. Write the division and multiplication equations that the array represents.



$2 \times 4 = 8$

$4 \times 2 = 8$

$8 \div 4 = 2$

$8 \div 2 = 4$

4 points (1 point each)

3. Solve.

		7	1
	×		2
	1	4	2

		3	6
	×		4
	1	4	4

		5	9
	×		2
	1	1	8

		4	2
	×		5
	2	1	0

4. Fill in the missing numbers.

6 points (1 point each)

5× 8 =40	5× 3 =15	5× 7 =35
40÷5= 8	15÷5= 3	35÷5= 7

5. Fill in the missing numbers.

2 points (1 point each)

If 2 × 16 = 32,

and 2 × 32 = 64.

Find 4 × 16 = 64

If 2 × 12 = 24,

and 2 × 24 = 48.

Find 4 × 24 = 48

2 points (1 point equation and 1 point solution)

6. There were 24 pikelets on the plate. Dad, Mum, Molly and Toby shared them equally. How many pikelets did each member of the family get?

24 ÷ 4 = 6

Placement Instructions

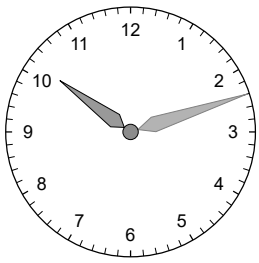
Less than 15 points: Begin at Level D2

15 points or more: Proceed to Test D3

Test D3

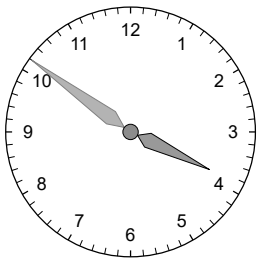
1. Write the time shown on the clock in digital form and in words.

6 points (1 point each)



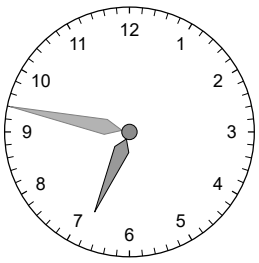
10:12

Twelve past 10



3:51

9 minutes to 4

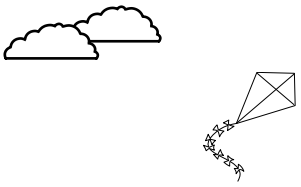


6:17

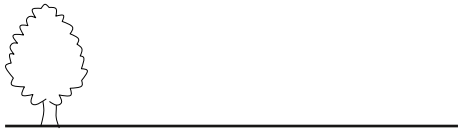
13 minutes to 7

2. The kite is 537 cm above the ground. How high is that in metres and centimetres?

2 points (1 point each)

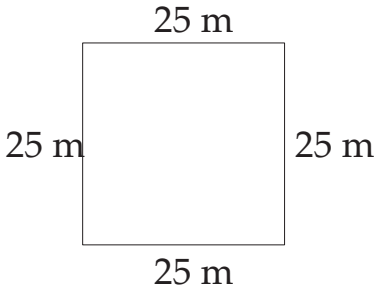


537 cm = 5 m 37 cm



3. Calculate the perimeter of this square paddock.

2 points (1 point equation and 1 point result)



25 + 25 + 25 + 25 = 100m

4. Write the number represented by each set of tally marks.

3 points (1 point each)

Witchetty grub	𝍸 𝍸 𝍸 𝍸 𝍸	25
Honey ant	𝍸 𝍸 I	11
Lilly pilly	𝍸 𝍸 𝍸 𝍸 𝍸 IIII	29
Emu Apple	𝍸 𝍸 𝍸 𝍸 II	22

5. Count the money and write the amount as dollars and cents.

1 point





$22.05

6. Divide:

2 points (1 point each)

369 ÷ 3 = 123

248 ÷ 2 = 124

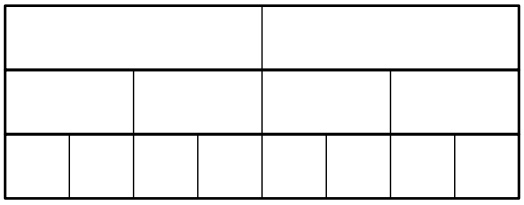
Placement Instructions

Less than 10 points: Begin at Level D3

10 points or more: Proceed to Test D4

Test D4

1. Use the diagram to find the equivalent fractions. 6 points (1 point each)



$\frac{1}{4} = \frac{2}{8}$ $\frac{2}{4} = \frac{4}{8}$ $\frac{6}{8} = \frac{3}{4}$

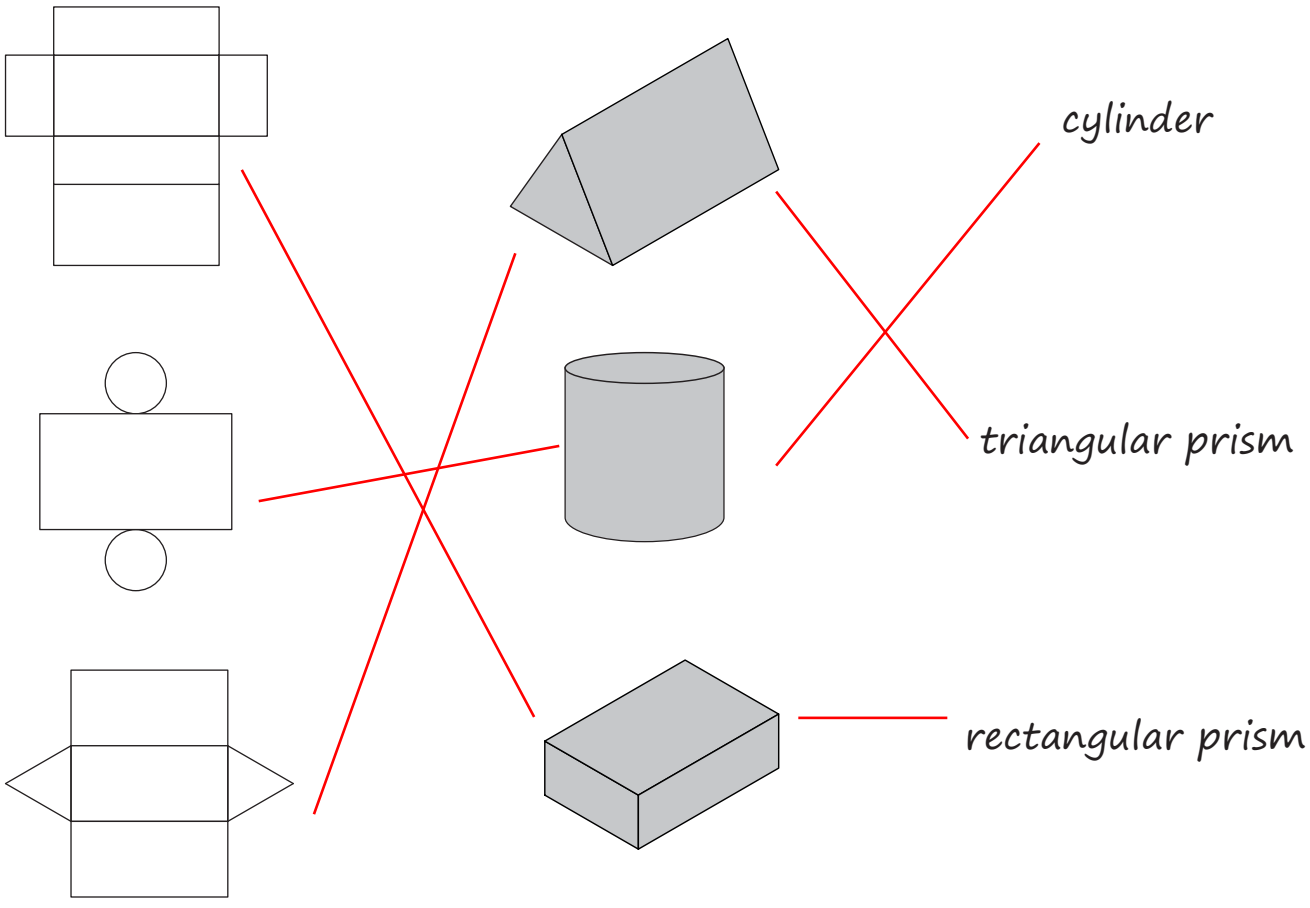
$\frac{4}{8} = \frac{2}{4}$ $\frac{1}{2} = \frac{4}{8}$ $\frac{1}{2} = \frac{2}{4}$

2. Label the angles. Write A for acute, R for right or O for obtuse in the box next to each angle.

3 points (1 point each)

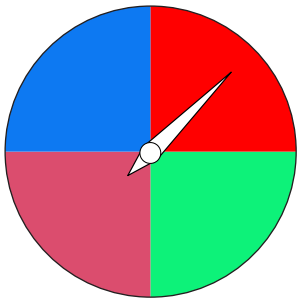


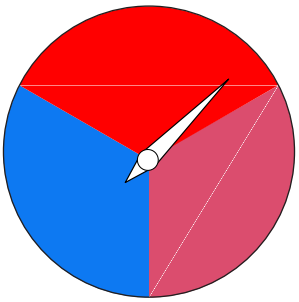
3. Match the shape to its net and its name. 6 points (1 point each line)

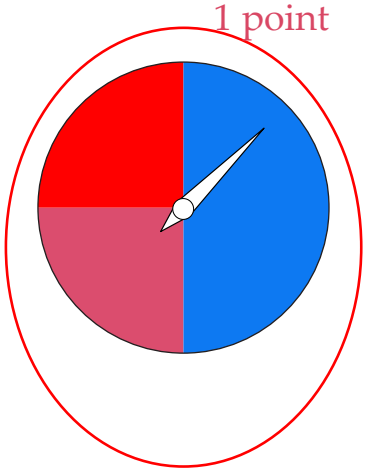


4. Circle the picture that shows a spinner with fifty-fifty chance of landing blue.

1 point







Lesson Practice 4 points (1 point each)

Answer the questions using the map of Wombat Creek on the next page.

1. What public place is at C2? ANZAC Park
2. Give the map reference of two shops. B2 and E2
3. What transport is available at A3? Train
4. Where is the airport? G2 (or G1)

Placement Instructions

Less than 15 points: Begin at Level D4

15 points or more: Proceed to Test E1

Test E1

(5 points - subtract 1 for every incorrect answer.)

7 × 8 = 56

9 × 2 = 18

8 × 9 = 72

3 × 1 = 3

5 × 3 = 15

2 × 5 = 10

4 × 6 = 24

6 × 8 = 48

1 × 7 = 7

7 × 3 = 21

4 × 9 = 36

2 × 8 = 16

1 × 7 = 7

5 × 6 = 30

8 × 1 = 8

9 × 5 = 45

3 × 4 = 12

6 × 2 = 12

5 points - subtract 1 for every incorrect answer

769 × 1000 = 769,000

2 × 10000 = 20,000

542 × 100 = 54,200

9690 ÷ 10 = 969

450 ÷ 10 = 45

63,900 ÷ 100 = 639

5 points - subtract 1 for every incorrect answer

Round these numbers to the nearest 10, 100 and 1000.

	425	9738	42	873	7352	89
Nearest 10	430	9740	40	870	7350	90
Nearest 100	400	9700	0	900	7400	100
Nearest 1000	0	10,000	0	1000	7000	0

Decide if the answer to each of these calculations will be odd (O) or even (E). **Do not find the answers** 5 points - subtract 1 for every incorrect answer

70 + 52 = E 45 + 46 = O 60 × 80 = E

60 + 80 = E 70 × 52 = E 45 × 46 = E

(1 points each)

$$\begin{array}{r} 980 \\ -\ 502 \\ \hline 478 \end{array} \qquad \begin{array}{r} 42 \\ \times\ 2 \\ \hline 84 \end{array} \qquad \begin{array}{r} 64 \\ \times\ 60 \\ \hline 3840 \end{array} \qquad \begin{array}{r} 76 \\ \times\ 13 \\ \hline 988 \end{array} \qquad 6\overline{)546} = 91$$

(3 points each - 1 point for the correct operation; 1 point for working; 1 point answer)

Solve the missing number equations.

87 × 4 = 348

46 + ____ = 100

$$\begin{array}{r|l} 87 & \\ 4)\overline{348} & \\ 280 & 70 \\ \hline 68 & \\ 40 & 10 \\ \hline 28 & \\ 28 & 7 \\ \hline 0 & 87 \end{array}$$

9

	~~1~~ ~~0~~ 10			
-		4	6	
		5	4	

The method used to solve these is not important. The method shown is that which a child who has completed E1 should have mastered.

Placement Instructions

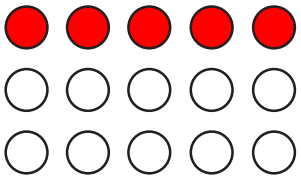
Less than 20 points: Begin at Level E1

20 points or more: Proceed to Test E2

Test E2

Shade the fraction indicated. (1 point each)

$\frac{3}{5}$ 

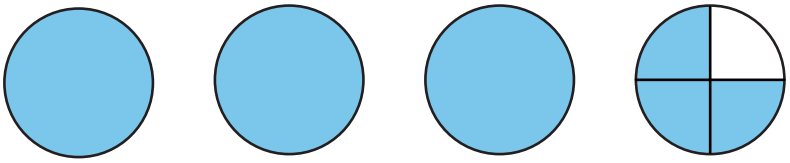
$\frac{1}{3}$ 

Find the fractions. (1 point each)

$\frac{1}{5}$ of $25 = 25 \div 5 = 5$

$\frac{1}{9}$ of $45 = 45 \div 9 = 5$

Write the mixed number shaded. (1 point each)



$3\frac{3}{4}$

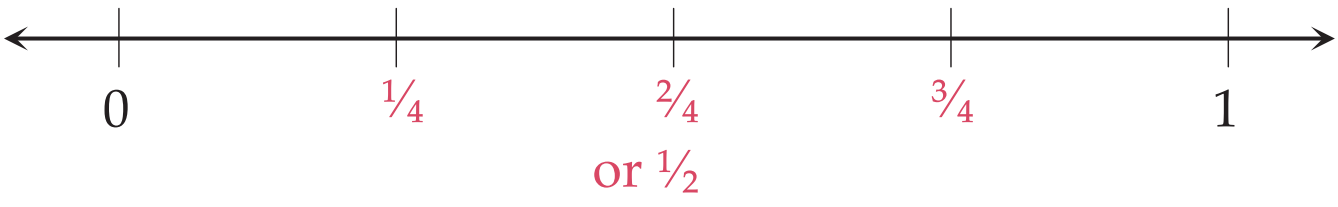
Find the equivalent fractions. (1 point each)

$\frac{6}{9} = \frac{2}{3}$ $\quad \frac{4}{10} = \frac{2}{5}$ $\quad \frac{1}{3} = \frac{2}{6}$ $\quad \frac{3}{4} = \frac{6}{8}$

Compare the fractions (<, =, >). (1 point each)

$\frac{1}{3} < \frac{2}{3}$ $\quad \frac{1}{5} < \frac{1}{4}$ $\quad \frac{2}{6} < \frac{5}{6}$

Complete the number line by labelling the fractions. (1 point each)



Solve. (1 point each)

$\frac{2}{6}+\frac{3}{6}=$ 5/6

$\frac{1}{4}+\frac{1}{8}=\frac{2}{8}+\frac{1}{8}=$ 3/8

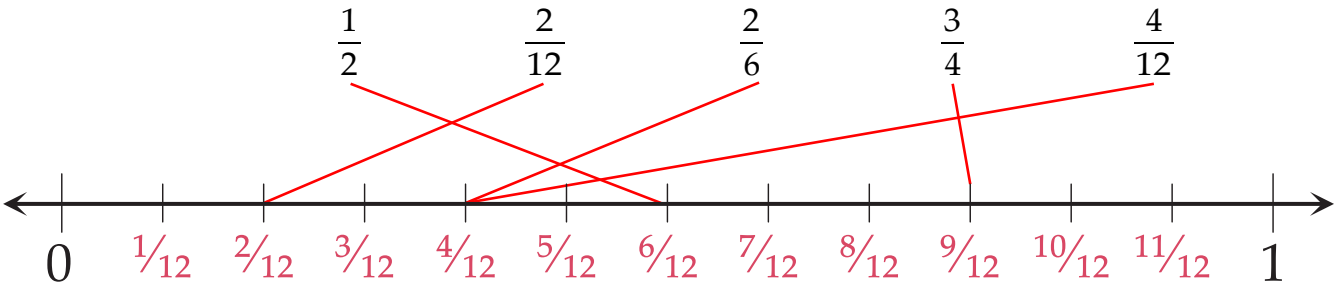
$\frac{2}{3}-\frac{1}{3}=$ 1/3

$\frac{3}{4}-\frac{1}{8}=\frac{6}{8}-\frac{1}{8}=$ 5/8

$\frac{1}{2}+\frac{1}{2}=1$

$\frac{1}{6}+\frac{1}{6}=\frac{2}{6}$

Plot the fractions. (1 point each)



Convert to decimals: (1 point each)

$\frac{1}{10}=$ 0.1

$\frac{9}{10}=$ 0.9

$\frac{3}{5}=\frac{6}{10}=$ 0.6

Copy and solve. (1 point each)

43.72 + 81.56

		4	3	.	7	2					7	3	.	5	1				
	+	8	1	.	5	6				+	2	9	.	4	8				
	1	2	5	.	2	8					4	4	.	0	3				

73.51 - 29.48

Placement Instructions

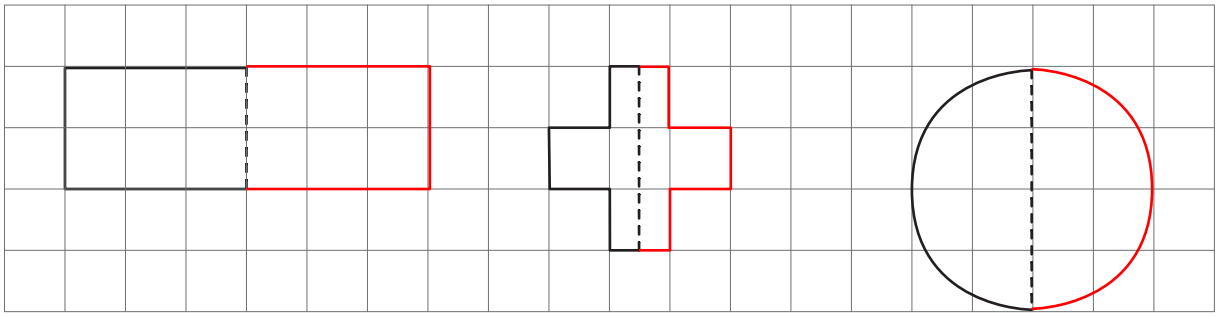
Less than 25 points: Begin at Level E2

25 points or more: Proceed to Test E3

Test E3

Draw the other half of each shape assuming the dotted line is an axis of symmetry

(1 point each)

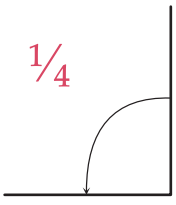


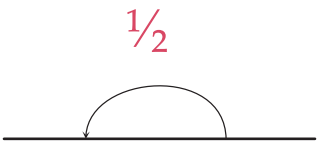
Draw the next shape in the sequence. (1 point)

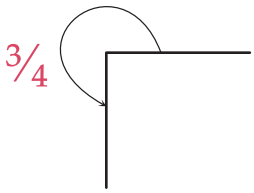


What fraction of a turn do each of these angles represent? (1 point each)

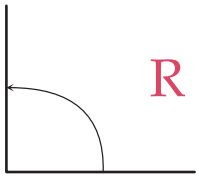
eg $\frac{1}{4}$

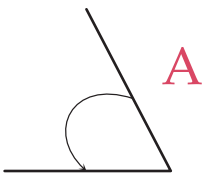




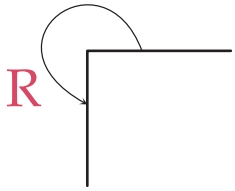


Label each angle as acute (A), right (R), obtuse (O), straight (S) or reflex (RF)



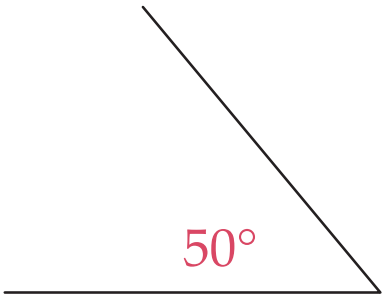






Measure the angles. (1 point each)





Write the next number in each sequence. (5 points. deduct 1 point for each error)

8, 10, 12, 14, 16

3, 9, 27, 81

240, 120, 60, 30, 15

20, 18, 16, 14, 12

21, 19, 17, 15, 13

95, 90, 85, 80, 75

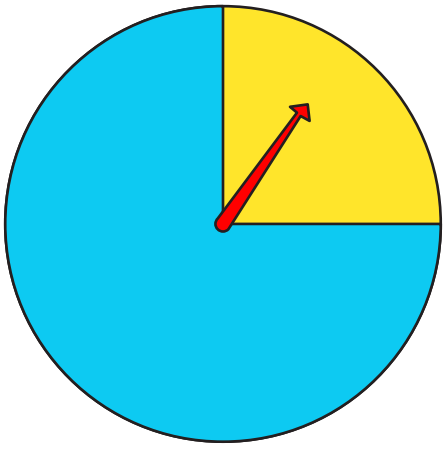
4, 7, 10, 13, 16, 19

10,000; 1000; 100, 10

7, 11, 15, 19, 23

1, 5, 25, 125

If you were to spin the spinner below 1000 times and record your results, which colour would likely be the most common? (1 point)



blue

Placement Instructions

Less than 9 points: Begin at Level E3

9 points or more: Proceed to Test E4

Test E4

Bananas were selling for 97c each. If Dingo Dan bought 5 bananas, what did it cost him? (1 point)

$4.85

Dan paid for the bananas with a ten dollar note. How much change did he receive? (1 point)

$5.15

Kate got on the coach at 10:20am. She got off the coach when it arrived at Brisbane at 3:05pm. How long did Kate spend on the coach? (1 point)

4 hrs 25 mins

How many minutes are there in 4 hours and 25 minutes? (1 point)

265 mins

How many seconds are there in 1 minute and 30 seconds? (1 point)

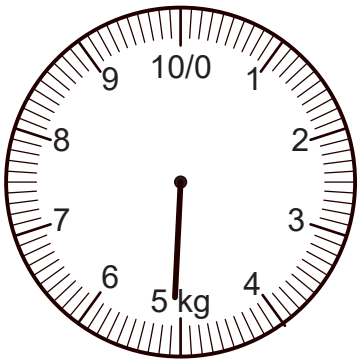
90 s

Measure and write the length of each line as a decimal on the line. (1 point each)

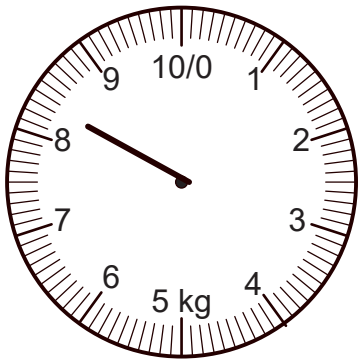
4.5cm

7.8cm

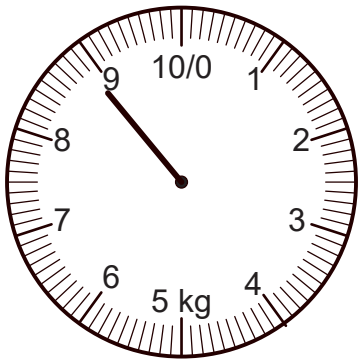
Write the weights as decimal numbers. (1 point each)



5.1 kg

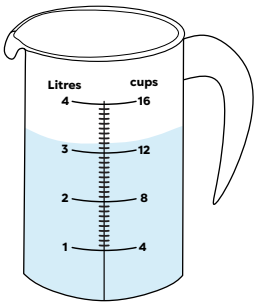


8.3 kg

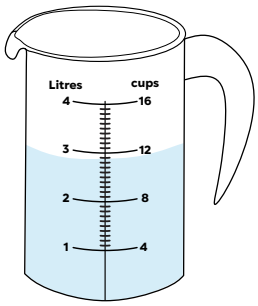


8.9 kg

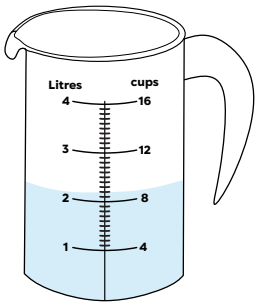
Write the volumes as decimal numbers. (1 point each)



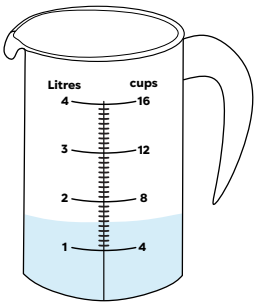
3.2 L



2.9 L

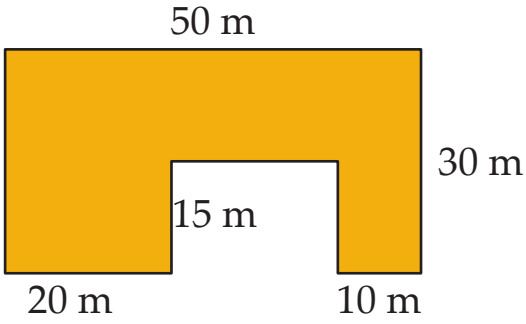


2.2 L

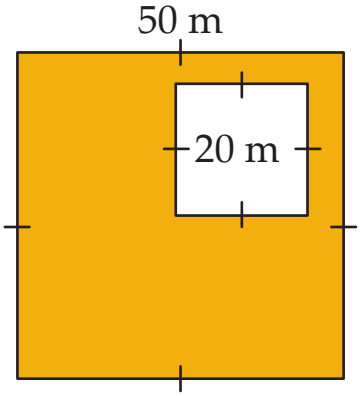


1.6 L

Find the area of the shaded section of each shape. (1 point each)



1200 sq m



2100 sq m

Placement Instructions

Less than 9 points: Begin at Level E4

9 points or more: Proceed to Test F1