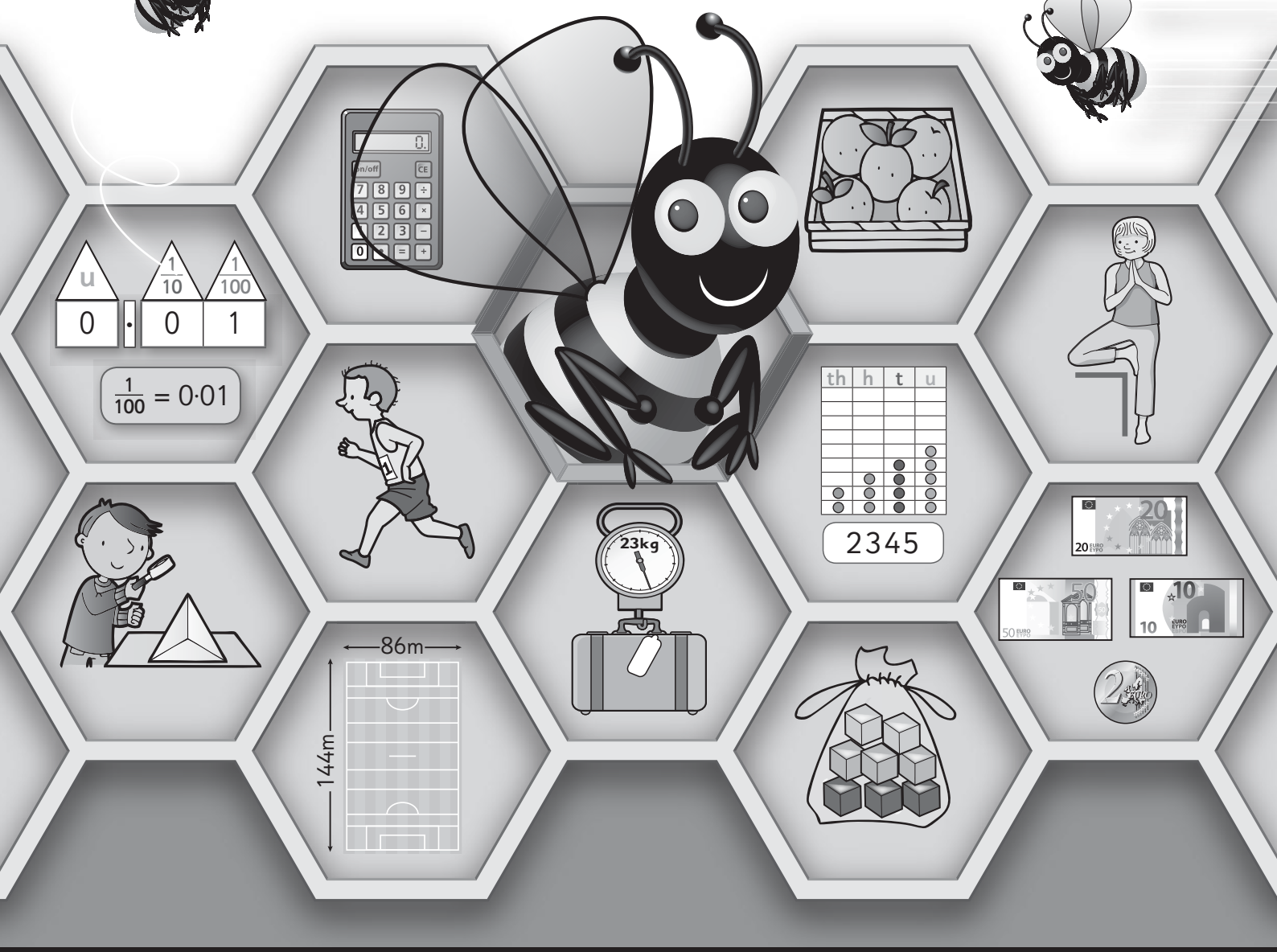
Fourth Class

BUSY at MATHS

Individual Pupil Profile
Term Assessment



ANSWERS

CJFallon

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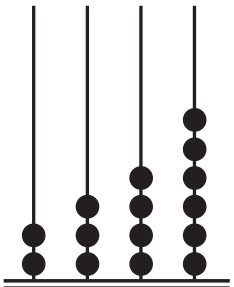
Hallowe'en assessment

Learning Outcomes 1–17

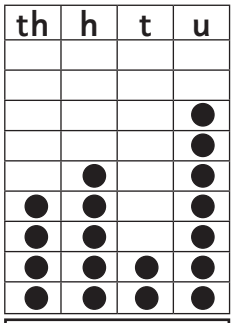
Write the correct number.

1.



2 3 4 6

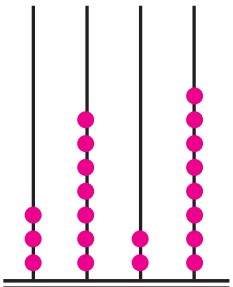
2.



4 5 2 7

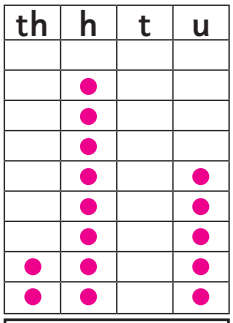
Draw the correct number of counters.

3.



3 7 2 8

4.



2 8 0 5

5. Write this number in expanded form.

5875 = **5000** + **800** + 70 + **5**

Write the value of the underlined digits.

6. 4<u>3</u>85 = **300**

7. <u>8</u>532 = **8000**

8. Write the missing number on the number strip.

6995	6996	6997	6998	6999	**7000**	7001	7002	7003	7004

9. Write the following number words in figures.
Four thousand six hundred and seventy-three: **4673**

10. Round to the nearest 1000 only and add: 2687 + 3259 = **6000**

11.
2324
+ 4563
6887

12.
3666
+ 2217
5883

13.
4365
+ 3584
7949

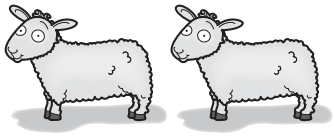
14.
4827
+ 3540
8367

15.
2876
+ 5487
8363

16.

There are 3254 books in one room of a library. There are 2523 books in another room. How many books are there altogether in the two rooms of the library? **5777**

17. A sheep farmer in Australia has 2763 sheep on one farm and 3476 sheep on another farm. How many sheep altogether has the Australian sheep farmer? **6239**

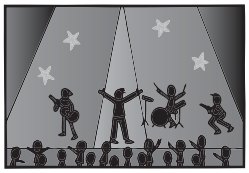


Hallowe'en assessment

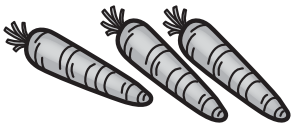
Learning Outcomes 18–27

18. 6785 − 2341 = **4444**	**19.** 7472 − 3148 = **4324**	**20.** 8944 − 2672 = **6272**	**21.** 7267 − 4825 = **2442**	**22.** 6325 − 1768 = **4557**	**23.** 7000 − 3468 = **3532**

24. There were 8769 adults at a concert.
If there were 3436 males at the concert,
how many females were there? **5333**

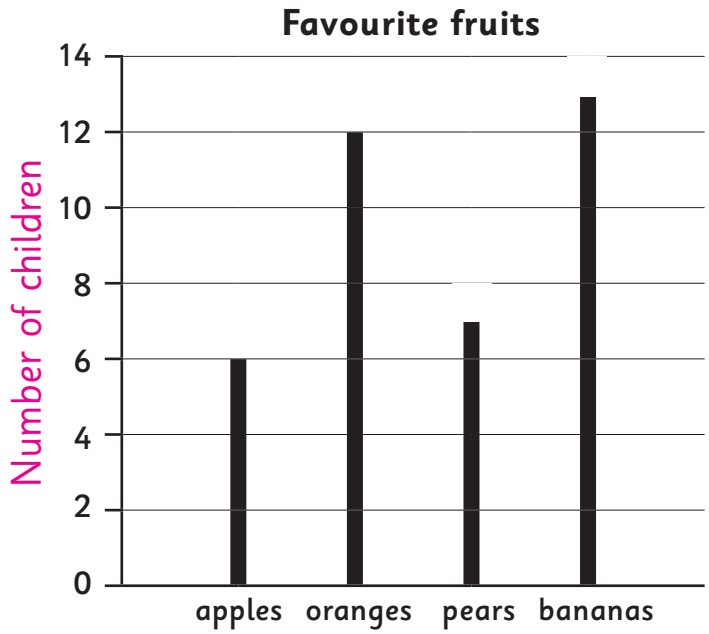


25.



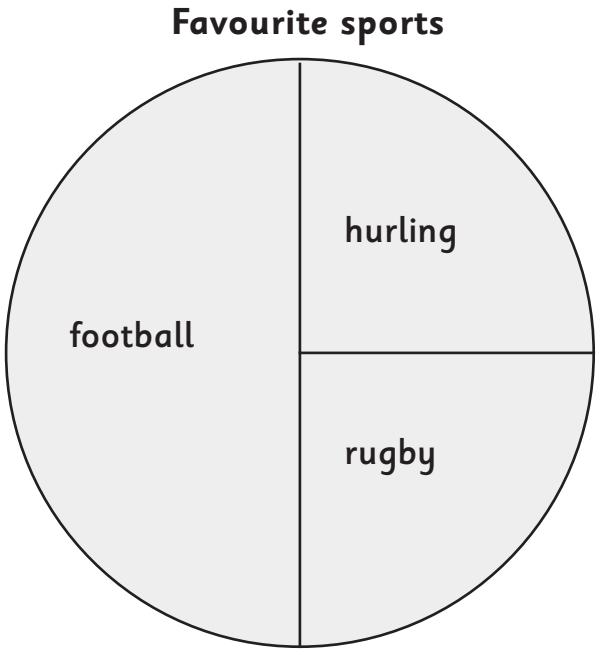
A farmer had 7235 carrots in a field.
She picked 3749 carrots and sold them.
How many carrots were left in the field? **3486**

26.



How many more children prefer
bananas to pears? **6**

27.



140 children voted for rugby.
How many children voted
for football? **280**

Hallowe'en assessment

Learning Outcomes 28–36

28. Round these numbers to the nearest 10 and add the rounded numbers only.

47 → 50
+ 32 → 30
☆ + 80

29. Round these numbers to the nearest 100 and add the rounded numbers only.

374 → 400
+ 249 → 200
☆ + 600

30. Round these numbers to the nearest 1000 and add the rounded numbers only.

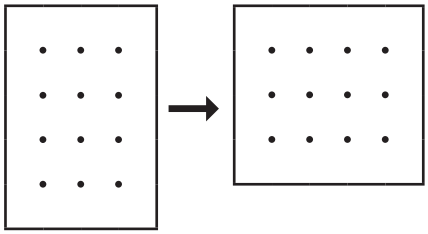
1789 → 2000
+ 3267 → 3000
☆ + 5000

31. Round these numbers to the nearest 1000 and subtract the rounded numbers only.

7354 → 7000
– 3849 → 4000
☆ – 3000

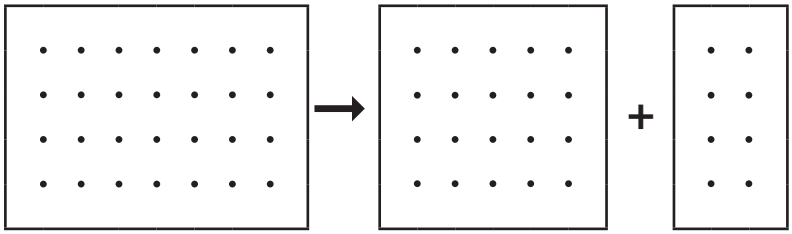
32. $0 \times 8 =$ 0

33.



$4 \times 3 = 3 \times$ 4

34.

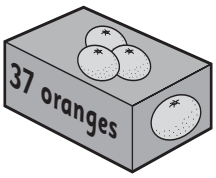


$4 \times 7 = 4 \times 5 + ($ 4 $\times$ 2 $)$

35.

t	u
2	6
×	7
182	

36.



Oranges are packed in boxes of 37.
How many oranges are there in 6 such boxes?

t	u
222	

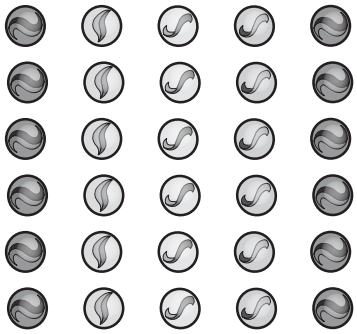
Christmas assessment

Learning Outcomes 37–50

37.

42 ÷ 7 = **6**

38. How many groups of 5 are there in this set?



30 ÷ 5 = **6**

39. How many times can I subtract 6 from 24? **4**

24 – 6 – 6 – 6 – 6 = 0

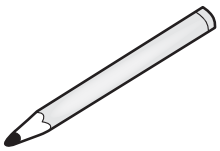
40. 8)48

6

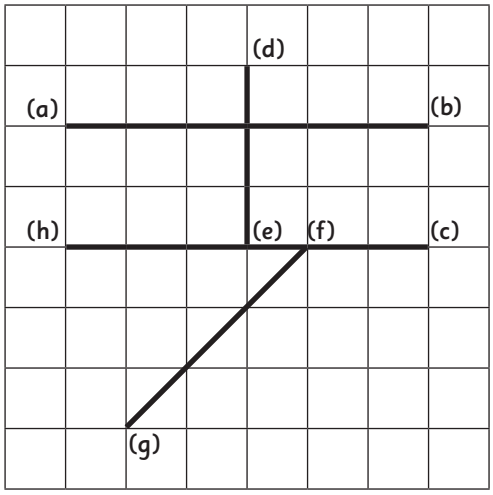
41. 9)65

7 R **2**

42. Livia bought 36 pencils.
The pencils were in boxes of 4.
How many boxes of pencils did Livia buy? **9**



diagonal **horizontal** **perpendicular** **vertical** **parallel**



43. The line (**a**)–(**b**) is parallel to line (**h**)–(**c**).

44. The line (**d**)–(**e**) is perpendicular to line (**h**)–(**c**).

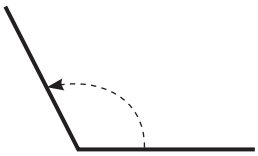
45. The line (**a**)–(**b**) is in a horizontal position.

46. The line (**g**)–(**f**) is in a diagonal position.

47. The line (**d**)–(**e**) in a vertical position.

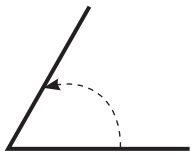
Write the correct name for each angle. **acute** **right** **obtuse**

48.



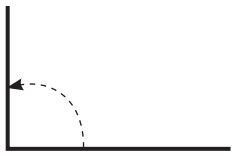
obtuse

49.



acute

50.

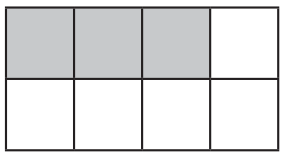


right

Christmas assessment

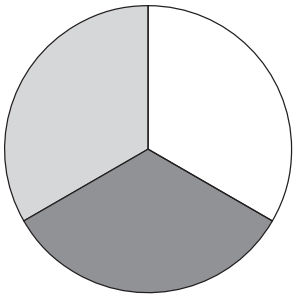
Learning Outcomes 51–59

51. What fraction of this shape is shaded?



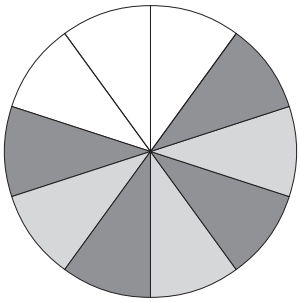
$\frac{3}{8}$

52. What fraction of this shape is shaded?



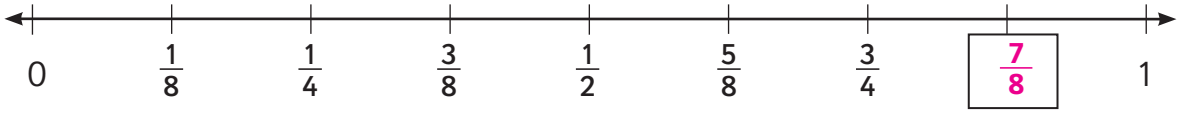
$\frac{2}{3}$

53. What fraction of this shape is shaded?



$\frac{7}{10}$

54. Write the missing fraction on the number line.



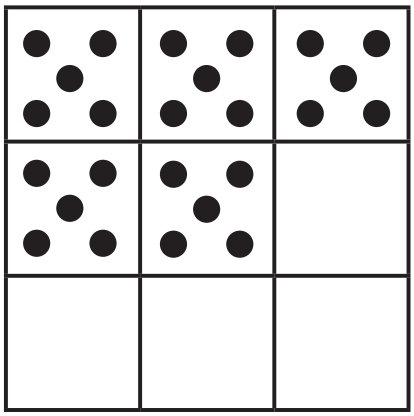
55. Write these fractions in order starting with the smallest.

$\frac{3}{4}$, $\frac{5}{12}$, $\frac{1}{3}$, $\frac{5}{6}$ → $\frac{1}{3}$ $\frac{5}{12}$ $\frac{3}{4}$ $\frac{5}{6}$

56. What is $\frac{1}{8}$ of 48? 6

57. Find $\frac{3}{4}$ of 24. 18

58.



$\frac{5}{9}$ = 25 dots

$\frac{1}{9}$ = 5 dots

$\frac{9}{9}$ = 45 dots

59.

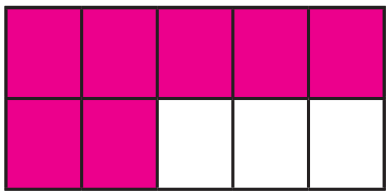
$\frac{5}{6}$ of Sofia's money is €25.

How much money has she altogether? €30

Christmas assessment

Learning Outcomes 60–68

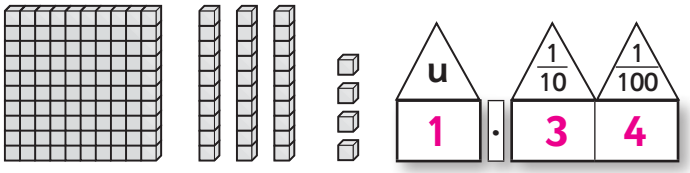
60. Colour the correct decimal fraction.



0·7

any 7 rectangles

61. Write the correct number of cubes in the decimal house.



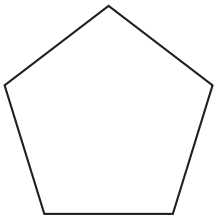
62.

$1\frac{29}{100} = 1 + \frac{\boxed{2}}{10} + \frac{\boxed{9}}{100} = 1\cdot\underline{29}$

Write the correct name beside each 2-D shape.

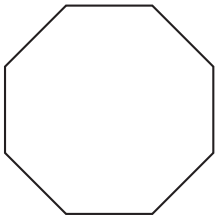
parallelogram **octagon** **rhombus** **pentagon** **rectangle**

63.



pentagon

64.

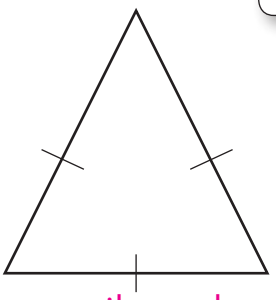


octagon

Write the correct name under each triangle.

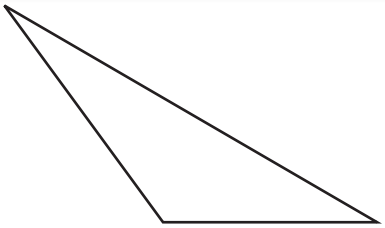
isosceles **equilateral** **scalene**

65.



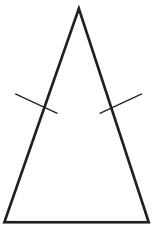
equilateral

66.



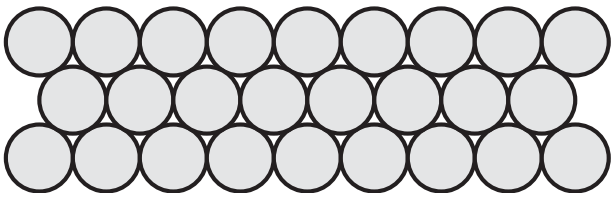
scalene

67.



isosceles

68. Tick (✓) the pattern that tessellates.



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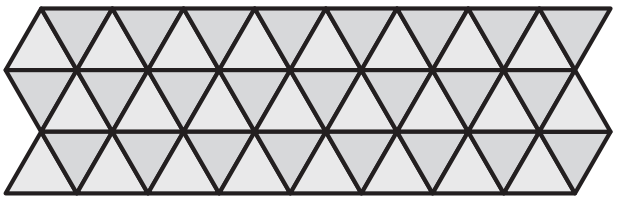


✓

Christmas assessment

Learning Outcomes 69–73

69. Write using the € symbol.

128c = € 1·28

70. Write as cent.

€4·96 = 496 c

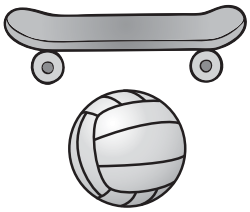
71.

€34·76
+ €28·59
€63·35

72.

€39·37
– €26·78
€12·59

73.



Rowan bought a skateboard for €47·28 and a ball for €16·35.
How much money did he spend altogether?

€

€

€63·63

February mid-term assessment

Learning Outcomes 74–87

74. $3 \times 4 \times 2$

→ $(3 \times 4) \times$ **2**

= **24**

75.

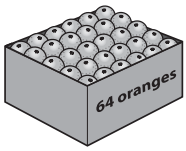
$$\begin{array}{r} 26 \\ \times\ \ 3 \\ \hline 78 \end{array}$$

76. $47 \times 10 =$ **470**

77.

$$\begin{array}{r} 48 \\ \times\ \ 27 \\ \hline + \\ \hline 1296 \end{array}$$

78.



There are 64 oranges in a box.
How many oranges are there in 38 such boxes?

$\times$ ____

2432

79. $56 \div 4$

→ $(40 \div 4) + ($ **16** $\div 4)$

→ **10** + **4**

= **14**

80.

4)64

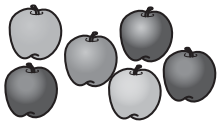
16

81.

8)76

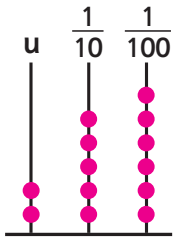
9 R **4**

82.

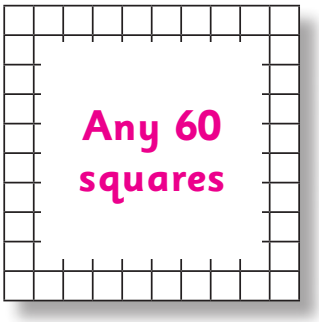


Apples are packed in bags of 6.
How many bags are needed to pack 58 apples and how many apples are left over? **9** R **4**

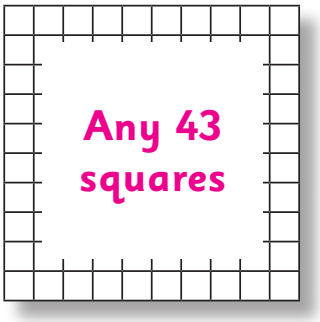
83. Show the decimal number 2·56 on the abacus.



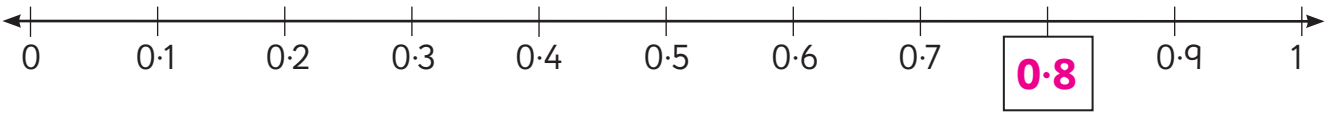
84. Colour 0·6 of the hundred square.



85. Colour 0·43 of the hundred square.



86. Write the value of the missing number.



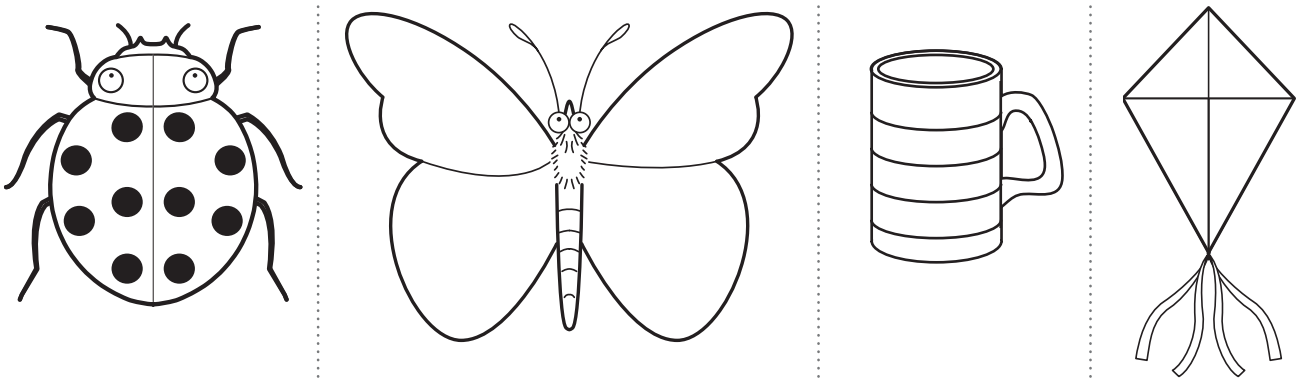
87. Circle the decimal number that has the greatest value.

2·16, (2·6), 2·06

February mid-term assessment

Learning Outcomes 88–94

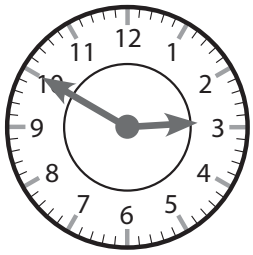
88. Tick (✓) the picture that is not symmetrical.



☐ ☐ ✓ ☐

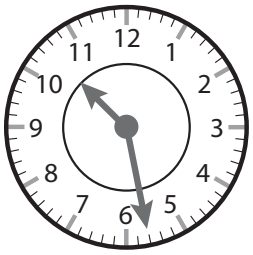
Write the times shown on these clocks.

89.



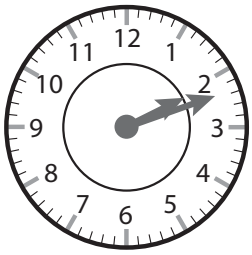
10 to 3

90.



27 mins past 10

91.

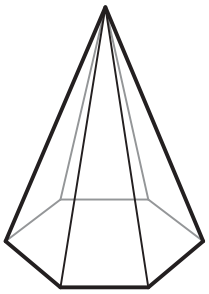


2 : 12

Write the correct words under each shape.

square pyramid | hexagonal pyramid | pentagonal prism

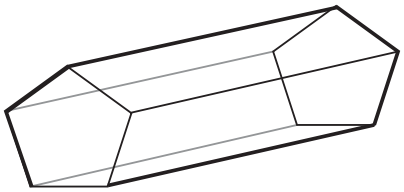
92.



hexagonal

pyramid

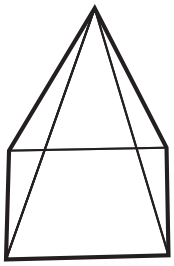
93.



pentagonal

prism

94.



square

pyramid

February mid-term assessment

Learning Outcomes 95–101

95. Insert the correct sign **<**, **>** or **=** in the oval.

$\frac{7}{8}$ **>** $\frac{3}{4}$

96. Write 4 apples as a fraction of 9 apples.

$\frac{4}{9}$

97. Write this fraction in its lowest form.

$\frac{3}{12} = \frac{1}{4}$

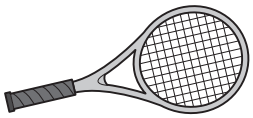
98.

€4·75
× 6
€28·50

99.

7) €9·73
€1·39

100.



A tennis racquet costs €7·56.
How much would 6 tennis racquets cost? € **45·36**

101. 4 tyres for a quad bike cost a total of €9·48.
How much did each tyre cost? € **2·37**

Easter assessment

Learning Outcomes 102–115

102. Write 24cm as a fraction of a metre.

24cm = $\frac{24}{100}$ m

103. Write 68cm as a decimal fraction of a metre.

68cm = 0·68 m

104.

A spider crawled for 372cm in the morning and for $2\frac{1}{2}$ m in the afternoon.
How far did it travel altogether? 6 m 22 cm

105.

$$\begin{array}{r} 16{\cdot}48 \\ +\ 12{\cdot}69 \\ \hline 29{\cdot}17 \end{array}$$

106.

$$\begin{array}{r} 42{\cdot}63 \\ -\ 18{\cdot}70 \\ \hline 23{\cdot}93 \end{array}$$

107.

$$\begin{array}{r} 6{\cdot}42 \\ \times\ \ 5 \\ \hline 32{\cdot}10 \end{array}$$

108.

9) 6·48

0·72

Complete these sequences.

109.

7, 14, 21, 28, 35, 42, 49

110.

96, 88, 80, 72, 64, 56, 48

111. Write as minutes.

1hr 53 mins = 113 mins

112. Write as hours and minutes.

92 mins = 1 hr 32 mins

113. Dublin to Cork Train Timetable

Dublin	**8:25**
Portlaoise	**9:16**
Thurles	**9:58**
Mallow	**10:24**
Cork	**10:55**

How long did the train take to get from Portlaoise to Mallow?
1 hr 8 mins

114.

	hrs	mins
	5	37
+	2	46
	8	23

115.

	hrs	mins
	6	34
−	2	57
	3	37

Easter assessment

Learning Outcomes 116–127

116. Colour the word that best describes the chance of this happening:
It will rain heavily tomorrow at noon.

impossible | certain | **possible** | unlikely

117.

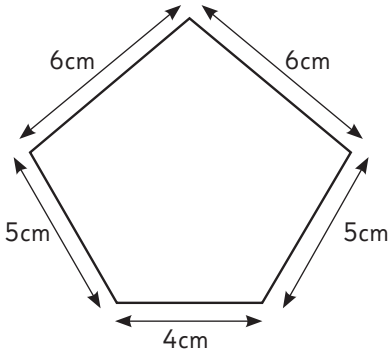
There are 4 red, 3 green and 2 blue cubes in a jar.
The chance of picking a blue cube at random from the jar is **2** in **9**.

Write these measurements in metres.

118. $\frac{49}{100}$ km = **490** m

119. 0·76km = **760** m

120. Calculate the perimeter of this shape.



26 cm

121.

3·54km
+ 2·76km
6·30km

122.

7·43km
– 2·85km
4·58km

123.

2·76km
× 8
22·08km

124.

6) 9·78km
1·63km

125. Estimate by rounding.

294 → 300
× 31 → × **30**
☆ **9000**

126.

247
× 6
1482

127.

167
× 45
7515

Summer assessment

Learning Outcomes 128–138

128.

6) 876

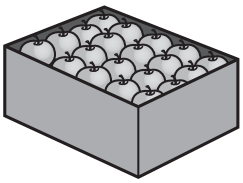
146

129.

8) 973

121 R **5**

130.



There were 475 apples on a tree.
The apples are packed equally into 5 boxes.
How many apples are there in each box? **95**

131. Write in fraction form.

2785g = 2 $\frac{\mathbf{785}}{\mathbf{1000}}$ kg

132. Write in decimal form.

7698g = **7·698** kg

133.

4·76kg
+ 3·98kg

8·74kg

134.

9·27kg
− 3·53kg

5·74kg

135.

5·73kg
× 8

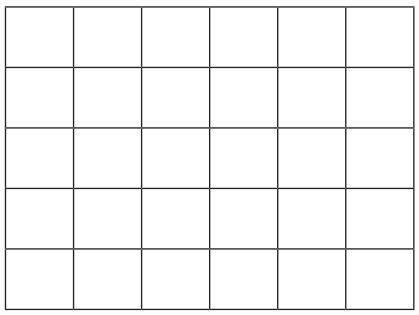
45·84kg

136.

6) 8·88kg

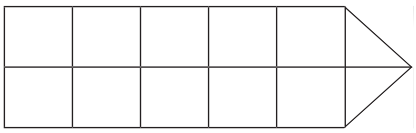
1·48kg

137. Find the surface area of this shape. Each ☐ represents 1cm².



40 cm²

138. Find the surface area of this shape. Each ☐ represents 1m².



11 m²

Summer assessment

Learning Outcomes 139–150

139. Write in fraction form.

4078ml = 4 $\frac{78}{1000}$ l

140. Write in decimal form.

5709ml = 5·709 l

141.

4·39l
+ 3·98l
8·37l

142.

8·73l
– 2·85l
5·88l

143.

8·35l
× 7
58·45l

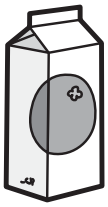
144.

7) 9·52l
1·36l

145.

A juice carton holds 750ml.
How much juice would 8 such cartons hold? 6 l
(Answer in litres).

6l or 6·000l



Write the correct symbol (+, –, × or ÷) to make each number sentence true.

146. 12 – 3 = 9

147. 24 + 9 = 33

148. 72 ÷ 8 = 4 + 5

149. 6 × 7 = 50 – 8

150.

A camogie team scored 10 points in the first half of a game.
The team scored twice as many points in the second half.
How many points did the team score altogether?

10 + (10 × 2) = 30

Fourth Class

BUSY at MATHS

Individual Pupil Profile Term Assessment

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