

Name: _____ Date: _____

Number and place value

- 1 Which of the following is not a prime number? C
- A 23 B 7 C 32 D 13

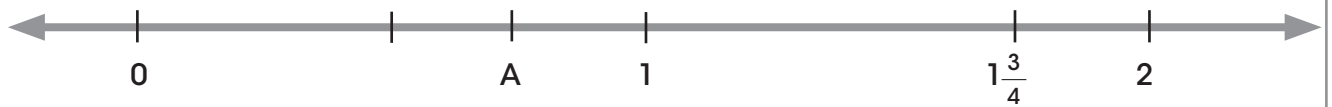
- 2 There are apples packed in 5 layers in a box. There are 4 rows of 8 apples in each layer. How many apples are in the box? 160 apples

- 3 Add -5 to the number line.



Fractions and decimals

- 4 What fraction is indicated at **A** on the number line? $\frac{3}{4}$



- 5 Find: $\frac{3}{8} + \frac{1}{4} = \frac{3}{8} + \frac{2}{8} = \frac{5}{8}$

- 6 Find: $\frac{7}{12} - \frac{1}{3} = \frac{7}{12} - \frac{4}{12} = \frac{3}{12} = \frac{1}{4}$

- 7 Find: $\frac{2}{3}$ of 48. 32

- 8 Find: 10.35 and 7.08. 17.43

- 9 Find: $5 - 3.762 = 1.238$

- 10 Round 8.763 to two decimal places. 8.76

- 11 What is the total of 3 groups of 7.21? 21.63

Number and place value

- 12 Complete:
$$\begin{array}{r} 156.75 \\ 4 \overline{)627} \end{array}$$

Fractions and decimals

13 $4.076 \times 100 =$

A 0.476

B 40.76

C 407.6

D 4076

14 $91.423 \div 1000 =$

A 914.23

B 0.091423

C 0.9143

D 9.1423

15 41 thousandths =

A 0.001

B 0.041

C 0.41

D 41 000

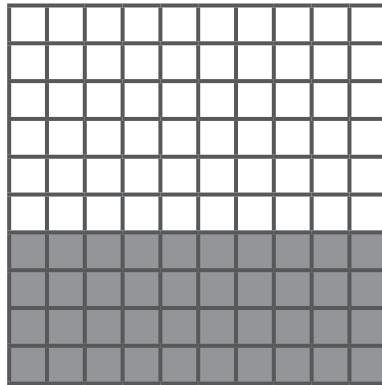
16 The shaded part of the grid represents:

A $\frac{3}{5}$

B $\frac{2}{5}$

C $\frac{6}{100}$

D $\frac{40}{100}$



Money and financial mathematics

17 The sale price of a book is \$15, at 25% off. What was the original price of the book?

\$20

Patterns and algebra

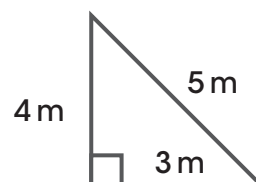
18 Find the value of the missing number.

$(8 \times \boxed{3}) + 1 = 5 \times 5$

Using units of measurement

19 What is the perimeter of the triangle in centimetres (cm)?

1200 cm



20 The area of a triangle is 30 cm^2 . The base of the triangle is 10 cm. What is the height of the triangle?

6 cm

21 How long does it take to get from stop A to stop C?

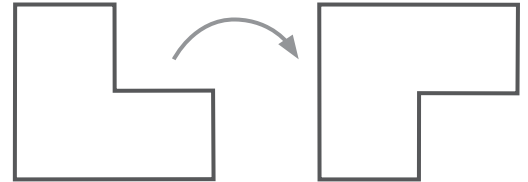
36 min

Bus stop	Arrival time
A	6:45
B	7:15
C	7:21
D	7:48

Location and transformation

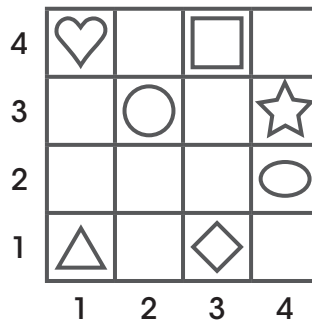
22 The shape has been:

- A** reflected **B** rotated **C** translated



23 What is at point (3, 4)?

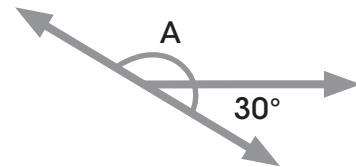
a square



Geometric reasoning

24 What is the value of angle A?

150°



Chance

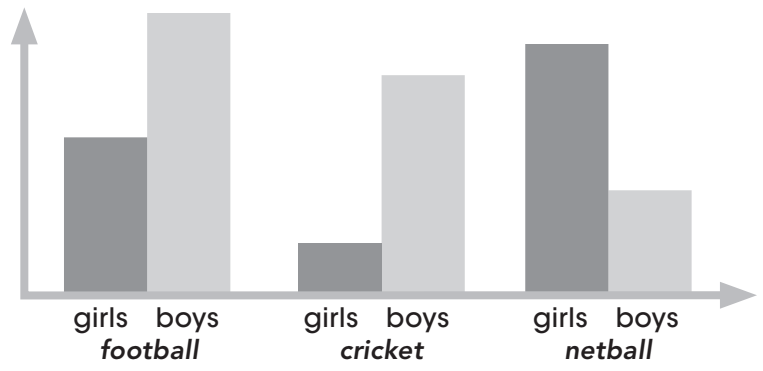
25 What is the chance of rolling an odd number on a 10-sided dice? Express it as a fraction.

$\frac{1}{2}$

Data representation and interpretation

26 Which sport is the most popular with the girls in the class?

netball



Chance

27 Of 300 people surveyed, 25% said they liked beach holidays. How many people liked beach holidays?

75 people