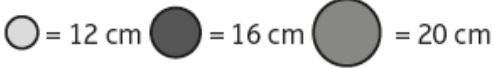




Monday

Power Up- Various answers

→ pages 57–59

1. One spotty bead costs 23p.
2. The tower is 420 cm high.
3. a) The capacity of a small bottle is 450 ml.  
b) 2.7 l more water fills 10 large bottles.
4.  $94 \times 8 + 3$ ;  $98 \times 4 + 3$ ;  $48 \times 9 + 3$ ;  $49 \times 8 + 3$
5.  = 12 cm    = 16 cm    = 20 cm

## Reflect

Most efficient strategy is 10 times the difference  
( $10 \times 270$ ) rather than  $10 \times 720 - 10 \times 450$ .

$$25 \times 270 = 6,750 \text{ ml} = 6.75 \text{ l}$$

Tuesday

Power up answers

## ⚡ Answers:

$$3.4 \times 6 = 20.4$$

$$2.7 \times 9 = 24.3$$

$$4.3 \times 5 = 21.5$$

$$8.44 \times 2 = 16.88$$

$$16.88 < 20.4 < 21.5 < 24.3$$

$$7.9 \times 3 = 23.7$$

$$5.6 \times 4 = 22.4$$

$$9.27 \times 2 = 18.54$$

$$6.83 \times 7 = 47.81$$

$$18.54 < 22.4 < 23.7 < 47.81$$

→ pages 60–62

$$1. \frac{2}{6} < \frac{1}{2} < \frac{3}{4}$$

2. a) They sold 84 cookies altogether.  
b)  $\frac{2}{9}$  of the cookies were left.

$$3. \frac{7}{18}$$

$$4. 3 \frac{7}{20} \text{ km}$$

5. There are 96 marbles in the bag.

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

$$\frac{3}{5} + \frac{4}{4} = 1 \frac{3}{5}$$

$$\frac{3}{10} + 4 = 4 \frac{3}{10}$$

## Reflect

$\frac{7}{12}$  is larger than  $\frac{1}{2}$ . 7 is more than half of 12; the other numerators are less than half of their denominator.

Wednesday

Power up answers

**⚡ Answers:**

$4.53 \times 5 > 3.2 \times 7$

$7.85 \times 7 < 9.2 \times 6$

$8.4 \times 3 < 5.05 \times 5$

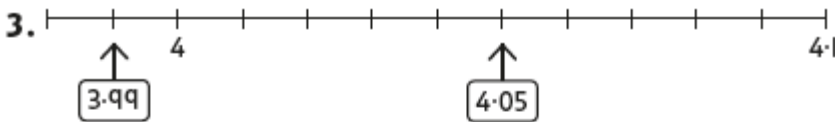
$8.7 \times 4 > 6.76 \times 5$

$9.48 \times 2 = 3.16 \times 6$

$7.79 \times 8 < 7.08 \times 9$

**→ pages 63–65**

1. The mass of 1 bag of popcorn is 0.18 kg.
2. a) A carton of juice costs 65p.  
b) 8 bags of popcorn cost £9.20 more than 8 cartons of juice.



4. The mass of 1 tin of nuts is 0.27 kg (to two decimal places).

5. 

4.6	7.1	4.8
5.7	5.5	5.3
6.2	3.0	6.4

**Reflect**

0.87 is closest to 0.9 as it is only 0.03 away from 9.

Thursday

Power up answers

**⚡ Answers:**

$1.42 \times 4 = 5.68 \quad \text{and} \quad 2.84 \times 2 = 5.68$

$2.31 \times 8 = 18.48 \quad \text{and} \quad 4.62 \times 4 = 18.48$

Both pairs of equations have the same answer.

→ pages 66–68

1. The washing machine is £238 in the sale.
2. 54 children walk to school.

3.

Destination	Number of flights	Percentage of total flights
Other French cities	72	30%
European cities	132	55%
Cities outside Europe	36	15%

4. There were 4,500 visitors altogether.
5. 35% of 180 = 30% of 210

**Reflect**

$$\frac{3}{5} = \frac{12}{20} = 60\%$$

Friday

Power up answers

**Answers:**

Lexi runs 18.48 km.

Miss Hall spends £23.75.

£2.90 is saved.

→ pages 69–71

1. a)  $\frac{3}{8}$  of the box is pens.  
b) He will have 18 fewer pens than pencils.
2. a) 30 cakes can be made.  
b) 625 g of flour is needed.
3. 9 : 3 or 3 : 1
4. On the map the two cities are 13 cm apart.
5. There are 3 boys for every 5 girls.
6. A large tin has a mass of 560 g.

**Reflect**

$$24 \div 3 \times 5 = 40$$