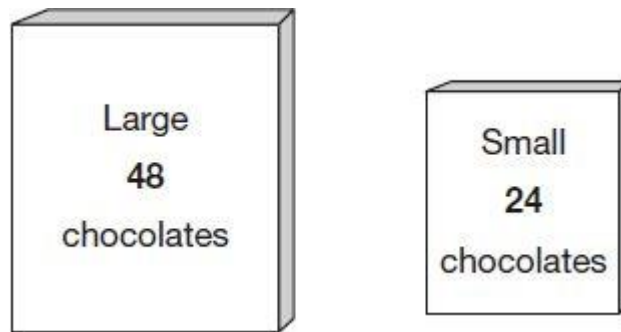


Q1.

Ken buys 3 large boxes and 2 small boxes of chocolates.

Each large box has 48 chocolates. Each small box has 24 chocolates.



How many **chocolates** did Ken buy altogether?

Show your method

A large grid for showing the calculation method. A small box labeled "chocolates" is placed on the grid.

2 marks

Q2.

Write in the missing digit.

$$\begin{array}{r} 5 \square \\ \times \quad 8 \\ \hline 456 \end{array}$$

1 mark

Q3.

Write in the missing digits to make this correct.

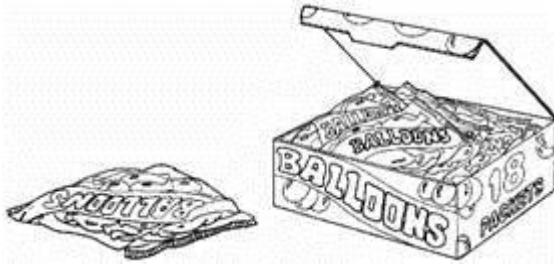
$$\begin{array}{r} \square \quad 4 \quad \square \\ \times \quad \quad \quad 6 \\ \hline 2 \quad 0 \quad 5 \quad 2 \\ \hline \end{array}$$

2 marks

Q4.

There are **5 balloons** in a **packet**.

There are **18 packets** in a **box**.



How many balloons are there altogether in a **box**?

1 mark

Q5.

Write the missing numbers

(a) $20 \times 4 = \square$

(b) $48 \div \square = 24$

2 marks

Q6.

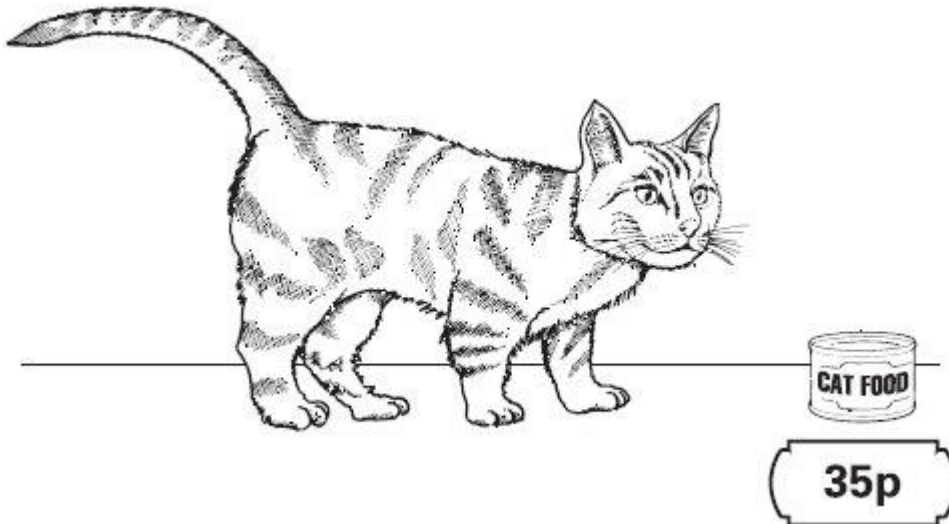
Write what the missing numbers could be.

$\square \times \square = 150$

1 mark

Q7.

Sarah's cat eats one tin of this cat food each day.



How much does it cost to feed Sarah's cat for 7 days?

2 marks

Mark schemes

Q1.

Award **TWO** marks for the correct answer of 192

If the answer is incorrect, award **ONE** mark for evidence of an appropriate method, e.g.

- $$\begin{aligned} 48 \times 3 &= 144 \\ 24 \times 2 &= 48 \\ 144 + 48 &= \end{aligned}$$

OR

- $$\begin{aligned} 48 + 48 + 48 &= 144 \\ 24 + 24 &= 48 \\ 144 + 48 &= \end{aligned}$$

OR

- $$4 \times 48$$

OR

- $$8 \times 24$$

*Answer need not be obtained for the award of **ONE** mark.*

Up to 2m

[2]

Q2.

$$\begin{array}{r} 5 \boxed{7} \\ \times 8 \\ \hline 4 \boxed{5} \boxed{6} \end{array}$$

Accept 7 wherever it is written provided the intention is clear.

[1]

Q3.

$$\begin{array}{r} \boxed{3} \ 4 \ \boxed{2} \\ \times \qquad \qquad 6 \\ \hline 2 \ 0 \ 5 \ 2 \end{array}$$

(a) 3 in left hand box

1

(b) 2 in right hand box

1

[2]

Q4.

(a) 90

1

Q5.

(a) $20 \times 4 = 80$

1

(b) $48 \div 2 = 24$

1

[2]

Q6.

Any two numbers which multiplied together give 150, eg

$$10 \times 15$$

$$30 \times 5$$

$$25 \times 6$$

$$150 \times 1$$

$$7.5 \times 20$$

[1]

Q7.

Award **TWO** marks for the correct answer of £2.45

Accept £2.45p OR £2 45

If the answer is incorrect, award **ONE** mark for evidence of appropriate working, eg

$$35 \times 7 = \text{wrong answer}$$

OR

$$30 \times 7 = 210$$

$$5 \times 7 = 35$$

$$210 + 35 = \text{wrong answer}$$

OR

award **ONE** mark for £245 **OR** £245p **OR** £24.5 as evidence of appropriate working.

*An answer must be given for the award of **ONE** mark.*

Up to 2

[2]