

Chapter 5



Whole Numbers 2

Exercise 1

1. **COPY** and complete each calculation :-

a
$$\begin{array}{r} 89 \\ \times 4 \\ \hline \end{array}$$

b
$$\begin{array}{r} 57 \\ \times 8 \\ \hline \end{array}$$

c
$$\begin{array}{r} 160 \\ \times 9 \\ \hline \end{array}$$

d
$$\begin{array}{r} 370 \\ \times 6 \\ \hline \end{array}$$

e 73×5

f 18×9

g 190×6

h 860×7

2. a What is the cost of 6 new tyres if one tyre costs £29 ?



b



A slug crawls 8 cm in one minute.

At the same speed, how far will it travel in 35 minutes ?

3. What is :-

a double 7

b double 28

c treble 9

d treble 16 ?

4. In this "funfair" game, you throw hoops at a board to win prizes.

A round hoop counts **SINGLE** ○

A square hoop counts **DOUBLE** □

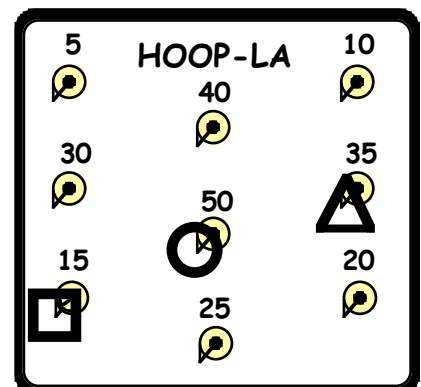
A triangle hoop counts **TREBLE** △

a What was the score from the **round** hoop ?

b What was the score from the **square** hoop ?

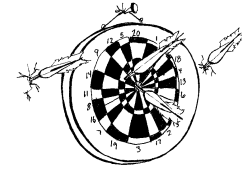
c What was the score from the **triangle** hoop ?

d What was the **TOTAL score** ?



5. Nick and Lucy are having a game of darts. Here is how they scored :-

- Nick - treble 8 - double 13 - single 14.
- Lucy - treble 9 - double 8 - single 19.



- a What was Nick's **TOTAL** score ?
- b What was Lucy's **TOTAL** score ?
- c Who won and by how much ?



Exercise 2

1. **COPY** and complete each calculation :-

a $\underline{4} \overline{)96}$ b $\underline{6} \overline{)288}$ c $\underline{5} \overline{)620}$ d $\underline{7} \overline{)259}$

e $\underline{9} \overline{)522}$ f $\underline{8} \overline{)296}$ g $\underline{3} \overline{)918}$ h $\underline{2} \overline{)976}$

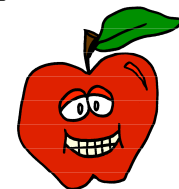
2. Do the following divisions :-

a $42 \div 7$ b $\underline{6} \overline{)252}$ c $\frac{85}{5}$ d 3 into 711.

3. Show your working in all of the following questions :-

- a 3 apples cost 57p.

What is the cost of 1 apple ?



- b  8 jugs of fruit weigh 304 kg.

What will 1 jug weigh ?

- c Nick runs **6 hundred** metres. It takes him 162 seconds.

How long would it take him to run **1 hundred** metres running at the same speed ?



- d I poured **5** cans of water over my plants. Altogether this was 375 centilitres.

How many centilitres of water does **1** can hold ?



4. **COPY** and complete :-

- a "To divide by **6**, I could divide by **2**, then divide by"
- b "To divide by **8**, I could divide by **4**, then divide by"
- c "To divide by **15**, I could divide by **3**, then divide by"

5. Find the answers to these by following the instructions :-

- a Find $184 \div 8$ by dividing by **2**, then dividing your answer by **4**.
- b Find $612 \div 9$ by dividing by **3**, then dividing your answer by **3**.
- c Find $312 \div 12$ by dividing by **2**, then by **2** again then dividing your answer by **3**.

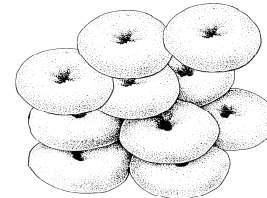
Exercise 3



1. Write down the answers to these :-

- a 38×10 b 66×10 c 10×19 d 75×10
 e 10×541 f 678×10 g 220×10 h 10×604

2. a A doughnut costs 54p.
 What will a box of **10** doughnuts cost ?



b

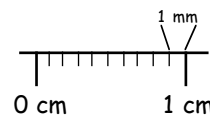


A large jar of pickles weighs 402 grams.
 What will a box holding **10** jars weigh ?

3. There are **10** millimetres in **1** centimetre.

How many millimetres are there in :-

- a 8 cm b 63 cm c 907 cm ?



4. There are **ten** 10 pence coins in £1.

How many 10 pence coins are there in :-

- a £7 b £73 c £85.30 ?

Exercise 4



1. Write down the answers to the following :-

- a $10 \overline{)190}$ b $10 \overline{)700}$ c $10 \overline{)8000}$ d $10 \overline{)2020}$
- e $950 \div 10$ f $\frac{1}{10}$ of 6000 g 10 into 1840 h $\frac{3070}{10}$

2. There are 10 millimetres in 1 centimetre.

How many centimetres are there in :-

- a 60 mm b 500 mm c 990 mm ?

3. Raffle tickets were sold in strips of 10.

If 550 raffle tickets were sold altogether, how many strips was that ?

4. Ben's aunt Jean left £8000 in her will.

Ben got a **tenth** of this amount.

How much did Ben get ?



5.



A medicine bottle holds 400 ml of cough mixture.

- A measuring cup holds a **tenth** of a bottle.
- A spoon holds a **tenth** of a measuring cup.

How many millilitres does the spoon hold ?

Exercise 5



1. **COPY** and complete the following :-

- a 56 lies between 50 and 60. It is closer to
- b 163 lies between 160 and
- c 288 lies between 280 and
- d 801 lies between and It is closer to

2. Round each of the following to the **nearest 10** :-

- a 37 → b 91 → c 28 → d 74 →
 e 136 → f 241 → g 819 → h 524 →
 i 35 → j 295 → k 701 → l 666 →

3. a There were 117 penguins being kept at the zoo.

Round this to the nearest **10**.

- b It is 473 miles from my home by train to Elgin.
 Round this to the nearest **10** miles.

- c The house in which I stayed in Australia was only 288 metres from the opera house.

Round this to the nearest **10** metres.



- d When we weighed our pet dog we found her to be 125 pounds.

What is her weight to the nearest **10** pounds ?

- e On holiday, when a Bingo win was shared, each person received 199 euros.

Round this to the nearest **10** euros.



Exercise 6



1. Round each number to the **nearest 10**, then complete the calculation :-
 (the first one is done for you)

- a $42 + 27$ b $44 + 68$ c $291 - 189$ d $703 - 538$
 $= 40 + 30$
 $= \underline{70}$ e $199 + 255$ f $976 - 499$ g $795 - 284$

2. Round each pair of numbers to the **nearest 10** and then **estimate** the answer :-

a $28 + 34$

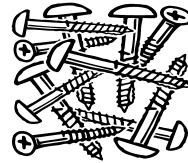
b $78 + 71$

c $52 + 55$

d $152 - 127$

3. John kept 355 screw nails in a tin.
He dropped 289 of them down a drain.

Estimate how many screw nails he had left.



Exercise 7



In every question, **YOU** must decide to use "+", "-", "x" or "÷".

Write down and show what calculation you are doing.

1. Dave and Joan went to the supermarket with **£134**.
They bought **£119** worth of messages.

How much money had they left ?



2.



Mrs Davis organised a night out at a restaurant.

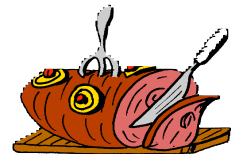
She was there with 15 of her friends.

The total cost of £352 for the evening was split equally amongst **everyone**.

What was the cost for one person ?

3. Arnie bought :-

- 6 thick slices of ham at 85p each
- 4 chicken drumsticks at 57p each and
- 5 kebabs at 83p each.



How much did all this cost him **altogether** ?

4.



A hot rod car has 6 fog lamps.

Each transporter lorry can hold 8 hot rod cars.

The car ferry can carry 3 transporters lorries.

How many fog lamps that there altogether on 2 ferries ?



Revision Exercise

1. **COPY** and complete each calculation :-

$$\begin{array}{r} 56 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 180 \\ \times 9 \\ \hline \end{array}$$

$$c \quad \begin{array}{r} 8 \overline{)376} \\ \hline \end{array}$$

$$d \quad \begin{array}{r} 7 \overline{)917} \\ \hline \end{array}$$

2. a What is the cost of **5** tyres if one tyre costs £39 ?



b **6** boxes of apples weigh 276 kg.
What will **1** box weigh ?

3. What is :-

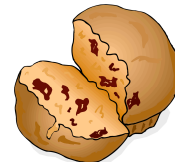
a double 9 b double 27 c treble 8 d treble 17 ?

4. Find $272 \div 8$ by dividing by **2**, then dividing your answer by **4**.

5. Write down the answers to the following :-

a 64×10 b 813×10 c $180 \div 10$ d $7500 \div 10$

6. a A muffin costs 62p in Asdos.
What will a pack of **10** muffins cost ?



b A packet of Evertine Mints contains 10 large nippy mints.
Charles had lots of mints 210 ! How many packets had he bought ?

7. **COPY** the following and round each one to the **nearest 10** :-

a $16 \rightarrow \dots\dots$ b $82 \rightarrow \dots\dots$ c $65 \rightarrow \dots\dots$ d $399 \rightarrow \dots\dots$

8. Dorothy's mum is a nurse.

She and her mum live only 177 metres from their local health centre.

Round this distance to the nearest **10** metres.

9. First, round each number below to the **nearest 10**.

Then find an **approximate** answer to each question :-

a $61 + 38$

b $33 + 59$

c $392 - 178$

d $608 - 523$

In each of the questions 10 to 12, **YOU** must decide whether to use +, -, ×, or ÷.



Write down and show what calculation you are doing.

10. Alf and Debbie went to an electrical store to buy a DVD player for **£127**. That day, the player which they liked was on special offer at **£28** less.

How much did they pay for the DVD player ?

11.



Mrs Dorrian organised a night out at the theatre for her drama group.

She was there, along with 12 other people.

The total cost of £351 for the evening was split equally amongst **everyone**.

What was the cost for each person ?

12. Davie bought :-

- 5 frogs legs at 65p each
- 3 small salmon steaks at 89p each
- 7 baby oysters at 97p each.

How much did this cost him **altogether** ?