

**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  $73 \times 5$

f  $18 \times 9$

g  $190 \times 6$

h  $860 \times 7$

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**

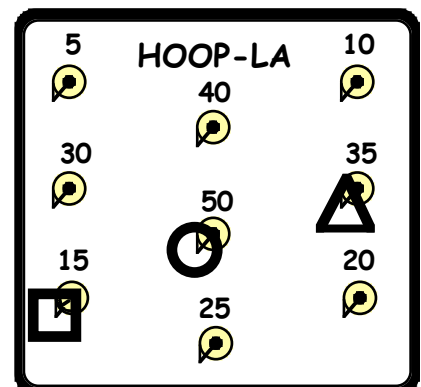


a What was the score from the **round** hoop ?

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

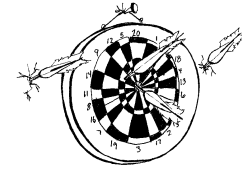
c What was the score from the **triangle** hoop ?

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  $\underline{2} \overline{)976}$

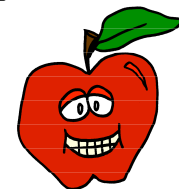
2. Do the following divisions :-

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**.

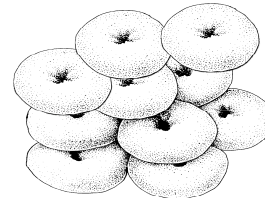
### Exercise 3



1. Write down the answers to these :-

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

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



b

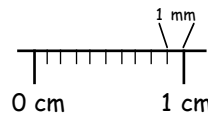


- A large jar of pickles weighs 402 grams.  
What will a box holding **10** jars weigh ?

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.

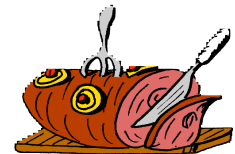
She was there with 15 of her friends.

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 :-

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

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

$$c \quad \underline{8} \overline{)376}$$

$$d \quad \underline{7} \overline{)917}$$

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  $64 \times 10$

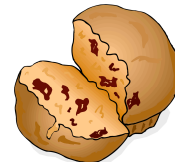
b  $813 \times 10$

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  $608 - 523$

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In each of the questions 10 to 12, **YOU** must decide whether to use +, -, x, 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** ?