

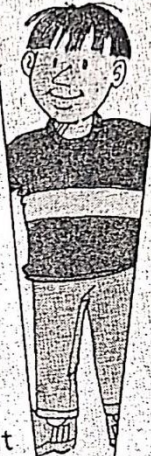
Puzzle page



1 Complete these patterns.

(a) $(2 \times 1) + 1 = \underline{3}$
 $(2 \times 2) + 2 = \underline{6}$
 $(2 \times 3) + 3 = \underline{9}$
 $(2 \times 4) + 4 = \underline{12}$
 $(2 \times 5) + 5 = \underline{15}$
 $(2 \times 6) + 6 = \underline{18}$

What do you notice about your answers?
They are numbers in the 3 times table.



(b) $(5 \times 1) - 1 = \underline{4}$
 $(5 \times 2) - 2 = \underline{8}$
 $(5 \times 3) - 3 = \underline{12}$
 $(5 \times 4) - 4 = \underline{16}$
 $(5 \times 5) - 5 = \underline{20}$
 $(5 \times 6) - 6 = \underline{24}$

What do you notice about your answers?
They are numbers in the 4 times table.

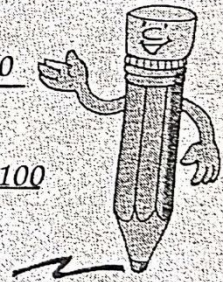
2 (a) Complete this pattern for the 5 times table.

5, 10, 15, 20, 25, 30, 35, 40, 45, 50

(b) Double each of your answers.

10, 20, 30, 40, 50, 60, 70, 80, 90, 100

What table is this? 10 times table

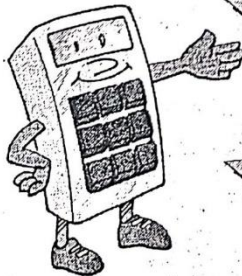


3 PRESS

+ 2 = = = = =



The numbers you see are part of the 2 times table. Which keys do you press to get the answers for



(a) the 3 times table + 3 = = = = =

(b) the 4 times table? + 4 = = = = =

1 How many?
 (a) 5 sets of 4 egg cups (b) 2 boxes of 10 tumblers
 (c) 4 bundles of 8 teaspoons (d) 3 sets of 6 mugs

2 How many?
 (a) 4 cards of 6 pens (b) 4 packs of 9 'Childhelp Times'
 (c) 5 sets of 7 pencil cases (d) 2 sets of 8 rulers

3 How many?
 (a) 3 cards of 5 badges (b) 4 bundles of 7 posters
 (c) 3 boxes of 8 cassettes (d) 10 sheets of 8 stamps

4 Which shelf has most items?

5 Textbook

18 Childhelp

- 1 (a) 20 egg cups (b) 20 tumblers
 (c) 32 teaspoons (d) 18 mugs

- 2 (a) 24 pens (b) 36 'Childhelp Times'
 (c) 35 pencil cases (d) 16 rulers

- 3 (a) 15 badges (b) 28 posters
 (c) 24 cassettes (d) 80 stamps

- 4 The bottom shelf : 147 items.

$$\begin{array}{r} 20 \\ 20 \\ 32 \\ 18 \\ \hline 90 \end{array}$$

$$\begin{array}{r} 24 \\ 36 \\ 35 \\ 16 \\ \hline 111 \end{array}$$

$$\begin{array}{r} 15 \\ 28 \\ 24 \\ 80 \\ \hline 147 \end{array}$$

Mild Task 2 - Answers above.

Magazines

18

Multiplication:
tables facts

These children have made their own magazines.



1 Find mentally how many pages there are in these numbers of copies of

Emma's magazine	(a) 3	(b) 5	(c) 6	(d) 8
Ben's magazine	(e) 4	(f) 5	(g) 6	(h) 8
Shamina's magazine	(i) 4	(j) 6	(k) 7	(l) 9
Sara's magazine	(m) 2	(n) 3	(o) 7	(p) 10
Steve's magazine	(q) 2	(r) 7	(s) 9	(t) 10

2 Sara has 9 copies of her magazine.
Shamina has 8 copies of her magazine.

(a) Who has more pages? (b) How many more?

3 (a) A total of 36 pages is used for 4 copies of Sara's magazine.

36 pages \rightarrow 4 copies of Sara's magazine

Problem solving

Find another two ways of having a total of 36 pages.

(b) Copy and complete.

49 pages \rightarrow ___ copies of ___ magazine

38 pages \rightarrow ___ copies of ___ magazine

and ___ copies of ___ magazine

Go to Workbook page 5.

H 14

Magazines

18

- 1 (a) 12 (b) 20 (c) 24 (d) 32
 (e) 28 (f) 35 (g) 42 (h) 56
 (i) 40 (j) 60 (k) 70 (l) 90
 (m) 18 (n) 27 (o) 63 (p) 90
 (q) 12 (r) 42 (s) 54 (t) 60

2 (a) Sara (b) 1 more

3 (a) 36 pages \rightarrow 9 copies of Emma's magazine
 or 6 copies of Steve's magazine

(b) 49 pages \rightarrow 7 copies of Ben's magazine
 38 pages \rightarrow 2 copies of Sara's magazine
 and 2 copies of Shamina's magazine

Other answers are possible for 38 pages.

Hot Task - Answers above.

Doubles and Trebles

To **DOUBLE** a number, you simply **x by 2**.

To **TREBLE** a number, you simply **x by 3**.

double 9 → $2 \times 9 = 18$

double 46 → $2 \times 46 = 92$

treble 8 → $3 \times 8 = 24$

treble 29 → $3 \times 29 = 87$

Be able to
double ($\times 2$) or
treble ($\times 3$) any
number



Exercise 7

1. What is :-

- a double 8 b double 15 c double 34 d double 67 ?

2. What is :-

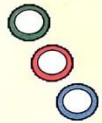
- a treble 9 b treble 20 c treble 42 d treble 75 ?

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

A green hoop counts **SINGLE**

A red hoop counts **DOUBLE**

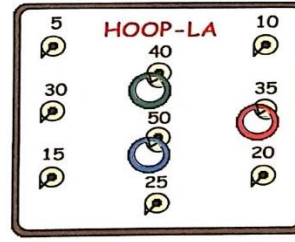
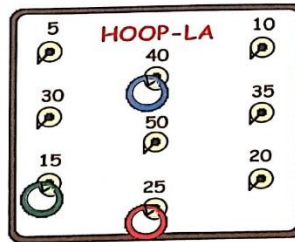
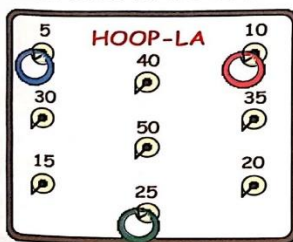
A blue hoop counts **TREBLE**



3. a What was the score from the **green** hoop ?
 b What was the score from the **red** hoop ? (**not** 30 !)
 c What was the score from the **blue** hoop ?
 d What was the **TOTAL** score ?



4. For each game, write down the score for each coloured hoop and then write down the **TOTAL** score.



Chapter 3 Exercise 7 (page 31)

1. a 16 b 30 c 68

d 134

2. a 27 b 60 c 126

d 225

3. a 50 b 60

c 60 d 170

4. a 60 b 185 c 260