



EXERCISE 5.1

Fill in the blanks:

1. (a) $(1 \times 6 = 6)$
(b) $(2 \times 6 = 12)$
(c) $(3 \times 6 = 18)$
(d) $(4 \times 6 = 24)$
(e) $(5 \times 6 = 30)$
(f) $(6 \times 6 = 36)$
(g) $(7 \times 6 = 42)$
(h) $(8 \times 6 = 48)$
(i) $(9 \times 6 = 54)$
(j) $(10 \times 6 = 60)$

$$\begin{array}{rcl} 6 \div 6 & = & \underline{1} \\ 12 \div 6 & = & \underline{2} \\ 18 \div 6 & = & \underline{3} \\ 24 \div 6 & = & \underline{4} \\ 30 \div 6 & = & \underline{5} \\ 36 \div 6 & = & \underline{6} \\ 42 \div 6 & = & \underline{7} \\ 48 \div 6 & = & \underline{8} \\ 54 \div 6 & = & \underline{9} \\ 60 \div 6 & = & \underline{10} \end{array}$$

2. (a) $(1 \times 7 = 7)$
(b) $(2 \times 7 = 14)$
(c) $(3 \times 7 = 21)$
(d) $(4 \times 7 = 28)$
(e) $(5 \times 7 = 35)$
(f) $(6 \times 7 = 42)$
(g) $(7 \times 7 = 49)$
(h) $(8 \times 7 = 56)$
(i) $(9 \times 7 = 63)$
(j) $(10 \times 7 = 70)$

$$\begin{array}{rcl} 7 \div 7 & = & \underline{1} \\ 14 \div 7 & = & \underline{2} \\ 21 \div 7 & = & \underline{3} \\ 28 \div 7 & = & \underline{4} \\ 35 \div 7 & = & \underline{5} \\ 42 \div 7 & = & \underline{6} \\ 49 \div 7 & = & \underline{7} \\ 56 \div 7 & = & \underline{8} \\ 63 \div 7 & = & \underline{9} \\ 70 \div 7 & = & \underline{10} \end{array}$$

3. (a) $(1 \times 8 = 8)$
(b) $(2 \times 8 = 16)$
(c) $(3 \times 8 = 24)$
(d) $(4 \times 8 = 32)$
(e) $(5 \times 8 = 40)$
(f) $(6 \times 8 = 48)$
(g) $(7 \times 8 = 56)$
(h) $(8 \times 8 = 64)$
(i) $(9 \times 8 = 72)$
(j) $(10 \times 8 = 80)$

$$\begin{array}{rcl} 8 \div 8 & = & \underline{1} \\ 16 \div 8 & = & \underline{2} \\ 24 \div 8 & = & \underline{3} \\ 32 \div 8 & = & \underline{4} \\ 40 \div 8 & = & \underline{5} \\ 48 \div 8 & = & \underline{6} \\ 56 \div 8 & = & \underline{7} \\ 64 \div 8 & = & \underline{8} \\ 72 \div 8 & = & \underline{9} \\ 80 \div 8 & = & \underline{10} \end{array}$$

4. (a) $(1 \times 9 = 9)$
(b) $(2 \times 9 = 18)$
(c) $(3 \times 9 = 27)$
(d) $(4 \times 9 = 36)$
(e) $(5 \times 9 = 45)$
(f) $(6 \times 9 = 54)$
(g) $(7 \times 9 = 63)$
(h) $(8 \times 9 = 72)$
(i) $(9 \times 9 = 81)$
(j) $(10 \times 9 = 90)$

$$\begin{array}{r} 9 \div 9 = \underline{\underline{1}} \\ 18 \div 9 = \underline{\underline{2}} \\ 27 \div 9 = \underline{\underline{3}} \\ 36 \div 9 = \underline{\underline{4}} \\ 45 \div 9 = \underline{\underline{5}} \\ 54 \div 9 = \underline{\underline{6}} \\ 63 \div 9 = \underline{\underline{7}} \\ 72 \div 9 = \underline{\underline{8}} \\ 81 \div 9 = \underline{\underline{9}} \\ 90 \div 9 = \underline{\underline{10}} \end{array}$$

5. (a) $(1 \times 10 = 10)$
(b) $(2 \times 10 = 20)$
(c) $(3 \times 10 = 30)$
(d) $(4 \times 10 = 40)$
(e) $(5 \times 10 = 50)$
(f) $(6 \times 10 = 60)$
(g) $(7 \times 10 = 70)$
(h) $(8 \times 10 = 80)$
(i) $(9 \times 10 = 90)$
(j) $(10 \times 10 = 100)$

$$\begin{array}{r} 10 \div 10 = \underline{\underline{1}} \\ 20 \div 10 = \underline{\underline{2}} \\ 30 \div 10 = \underline{\underline{3}} \\ 40 \div 10 = \underline{\underline{4}} \\ 50 \div 10 = \underline{\underline{5}} \\ 60 \div 10 = \underline{\underline{6}} \\ 70 \div 10 = \underline{\underline{7}} \\ 80 \div 10 = \underline{\underline{8}} \\ 90 \div 10 = \underline{\underline{9}} \\ 100 \div 10 = \underline{\underline{10}} \end{array}$$

EXERCISE-5.2

Divide :-

$$\begin{array}{r}
 66 \\
 6 \overline{) 396} \\
 \underline{-36} \downarrow \\
 036 \\
 \underline{-36} \\
 00
 \end{array}$$

Quotient is 66

$$\begin{array}{r}
 198 \\
 6 \overline{) 1188} \\
 \underline{06} \downarrow | \\
 58 \\
 \underline{54} \downarrow \\
 048 \\
 \underline{-48} \\
 00
 \end{array}$$

Quotient is 198

$$\begin{array}{r}
 137 \\
 6 \overline{) 822} \\
 \underline{-6} \downarrow | \\
 22 \\
 \underline{-18} \downarrow \\
 042 \\
 \underline{-42} \\
 00
 \end{array}$$

Quotient is 137

$$\begin{array}{r}
 32 \\
 7 \overline{) 224} \\
 \underline{-21} \downarrow \\
 014 \\
 \underline{-14} \\
 00
 \end{array}$$

Quotient is 32

$$\begin{array}{r}
 53 \\
 7 \overline{) 371} \\
 \underline{35} \downarrow \\
 21 \\
 \underline{21} \\
 00
 \end{array}$$

Quotient is 53

$$\begin{array}{r}
 69 \\
 7 \overline{) 483} \\
 \underline{-42} \downarrow \\
 063 \\
 \underline{-63} \\
 00
 \end{array}$$

Quotient is 69

$$\begin{array}{r}
 7. \quad 8 \overline{) 448} \\
 \underline{-40} \downarrow \\
 048 \\
 \underline{-48} \\
 00
 \end{array}$$

Quotient is 56

$$\begin{array}{r}
 8. \quad 8 \overline{) 504} \\
 \underline{-48} \downarrow \\
 024 \\
 \underline{-24} \\
 00
 \end{array}$$

Quotient is 63

$$\begin{array}{r}
 9. \quad 8 \overline{) 632} \\
 \underline{-56} \downarrow \\
 072 \\
 \underline{-72} \\
 00
 \end{array}$$

Quotient is 79

$$\begin{array}{r}
 10. \quad 9 \overline{) 243} \\
 \underline{-18} \downarrow \\
 063 \\
 \underline{-63} \\
 00
 \end{array}$$

$$\begin{array}{r}
 11. \quad 9 \overline{) 585} \\
 \underline{-54} \downarrow \\
 045 \\
 \underline{-45} \\
 00
 \end{array}$$

$$\begin{array}{r}
 12. \quad 9 \overline{) 702} \\
 \underline{-63} \downarrow \\
 072 \\
 \underline{-72} \\
 00
 \end{array}$$

Quotient is 27

Quotient is 63

Quotient is 78

$$\begin{array}{r}
 13. \quad 10 \overline{) 760} \\
 \underline{-70} \downarrow \\
 060 \\
 \underline{-60} \\
 00
 \end{array}$$

$$\begin{array}{r}
 14. \quad 10 \overline{) 880} \\
 \underline{-80} \downarrow \\
 080 \\
 \underline{-80} \\
 00
 \end{array}$$

$$\begin{array}{r}
 15. \quad 10 \overline{) 930} \\
 \underline{-90} \downarrow \\
 030 \\
 \underline{-30} \\
 00
 \end{array}$$

Quotient is 76

Quotient is 88

Quotient is 93

EXERCISE = 5.3

Divide:

$$\begin{array}{r}
 32 \\
 6 \overline{) 195} \\
 \underline{-18} \downarrow \\
 015 \\
 \underline{-12} \\
 03
 \end{array}$$

Quotient is 32

Remainder is 03

$$\begin{array}{r}
 55 \\
 6 \overline{) 331} \\
 \underline{-30} \downarrow \\
 031 \\
 \underline{30} \\
 01
 \end{array}$$

Quotient is 55

Remainder is 01

$$\begin{array}{r}
 129 \\
 6 \overline{) 777} \\
 \underline{-6} \downarrow \\
 17 \\
 \underline{-12} \downarrow \\
 057 \\
 \underline{54} \\
 03
 \end{array}$$

Quotient is 129

Remainder is 03

$$\begin{array}{r}
 32 \\
 7 \overline{) 229} \\
 \underline{-21} \downarrow \\
 019 \\
 \underline{-14} \\
 05
 \end{array}$$

Quotient is 32

Remainder is 05

$$\begin{array}{r}
 64 \\
 7 \overline{) 454} \\
 \underline{42} \downarrow \\
 034 \\
 \underline{28} \\
 06
 \end{array}$$

Quotient is 64

Remainder is 06

$$\begin{array}{r}
 124 \\
 7 \overline{) 872} \\
 \underline{-7} \downarrow \\
 17 \\
 \underline{14} \downarrow \\
 032 \\
 \underline{28} \\
 04
 \end{array}$$

Quotient is 124

Remainder is 04

$$\begin{array}{r}
 70 \\
 8 \overline{) 563} \\
 \underline{-56} \downarrow \\
 003 \\
 \hline
 \hline
 \end{array}$$

Quotient is 70
 Remainder is 03

$$\begin{array}{r}
 77 \\
 8 \overline{) 622} \\
 \underline{-56} \downarrow \\
 062 \\
 \underline{-56} \\
 06 \\
 \hline
 \hline
 \end{array}$$

Quotient is 77
 Remainder is 06

$$\begin{array}{r}
 103 \\
 8 \overline{) 827} \\
 \underline{-8} \downarrow \downarrow \\
 027 \\
 \underline{-24} \\
 03 \\
 \hline
 \hline
 \end{array}$$

Quotient is 103
 Remainder is 03

$$\begin{array}{r}
 63 \\
 9 \overline{) 570} \\
 \underline{-54} \downarrow \\
 030 \\
 \underline{-27} \\
 03 \\
 \hline
 \hline
 \end{array}$$

Quotient is 63
 Remainder is 03

$$\begin{array}{r}
 72 \\
 9 \overline{) 651} \\
 \underline{-63} \downarrow \\
 021 \\
 \underline{-18} \\
 03 \\
 \hline
 \hline
 \end{array}$$

Quotient is 72
 Remainder is 03

$$\begin{array}{r}
 107 \\
 9 \overline{) 970} \\
 \underline{-9} \downarrow \downarrow \\
 070 \\
 \underline{-63} \\
 07 \\
 \hline
 \hline
 \end{array}$$

Quotient is 107
 Remainder is 07

$$\begin{array}{r}
 67 \\
 10 \overline{) 674} \\
 \underline{-60} \downarrow \\
 074 \\
 \underline{-70} \\
 04 \\
 \hline
 \hline
 \end{array}$$

Quotient is 67
 Remainder is 04

$$\begin{array}{r}
 75 \\
 10 \overline{) 753} \\
 \underline{-70} \downarrow \\
 053 \\
 \underline{-50} \\
 03 \\
 \hline
 \hline
 \end{array}$$

Quotient is 75
 Remainder is 03

$$\begin{array}{r}
 87 \\
 10 \overline{) 876} \\
 \underline{-80} \downarrow \\
 076 \\
 \underline{-70} \\
 06 \\
 \hline
 \hline
 \end{array}$$

Quotient is 87
 Remainder is 06

ex=5.4

① 72 roses have to be equally bunched into 9 bunches. How many roses must be tied in each bunch.

⇒ Number of roses = 72

⇒ Number of bunches = 9

Number of roses must be tied in each bunch = $72 \div 9$

$$\begin{array}{r} 8 \\ 9 \overline{)72} \\ \underline{72} \\ 00 \end{array}$$

There are 8 roses tied in each bunch.

② 90 pens are to be packed in packets of 10 pens each. How many such packets can be packed?

ans Number of pens = 90

Number of pens that each packets have = 10

Number of packets can be packed = $90 \div 10$

$$= 9 \text{ Ans } \begin{array}{r} 9 \\ 10 \overline{)90} \\ \underline{90} \\ 00 \end{array}$$

There are 9 packets can be packed.

④ At bakery 644 pan cakes were packed in packets of 7 pan cakes each. How many packets can be made?

⇒ Number of pan cakes = 644

Number of pan cakes packed in each packets = $644 \div 7 =$

$$\begin{array}{r}
 92 \\
 7 \overline{)644} \\
 \underline{63} \downarrow \\
 014 \\
 \underline{-14} \\
 00
 \end{array}$$

③ 448 items have to equally packed in 8 bags. How many items must be packed in each bag?

⇒ Number of items = 448

Number of bags = 8

Number of items that must be packed in each bag = $8 \overline{)448}$

$$\begin{array}{r}
 56 \\
 8 \overline{)448} \\
 \underline{40} \downarrow \\
 048 \\
 \underline{48} \\
 00
 \end{array}$$

There are 56 item that must be packed in each bag.

⑤ 635 paintbrushes are to be equally packed in 6 pouches. How many paintbrushes were packed in each pouch? How many paintbrushes were left behind?

⇒ Number of paintbrushes = 635

Number of pouches = 6

Number of paintbrushes were packed in each pouch = $635 \div 6$

= 105 paint brushes.

05 paintbrushes were left.

$$\begin{array}{r}
 105 \\
 6 \overline{)635} \\
 \underline{6} \downarrow \\
 035 \\
 \underline{30} \\
 05
 \end{array}$$

Monaf 05

 **REVIEW EXERCISES**

1. Divide:

$$\begin{array}{r} 141 \\ 6 \overline{) 846} \\ \underline{-6} \\ 24 \\ \underline{-24} \\ 006 \\ \underline{-6} \\ 0 \end{array}$$

$$\begin{array}{r} 99 \\ 7 \overline{) 693} \\ \underline{-63} \\ 063 \\ \underline{-63} \\ 00 \end{array}$$

$$\begin{array}{r} 16 \\ 8 \overline{) 848} \\ \underline{-8} \\ 048 \\ \underline{-48} \\ 00 \end{array}$$

$$\begin{array}{r} 77 \\ 9 \overline{) 693} \\ \underline{-63} \\ 063 \\ \underline{-63} \\ 00 \end{array}$$

2. 812 sweets were equally packed in 7 boxes. How many sweets were packed in each box?

Number of sweet in each box = $812 \div 7 = 116$ sweets

$$\begin{array}{r} 116 \\ 7 \overline{) 812} \\ \underline{77} \\ 42 \\ \underline{42} \\ 00 \end{array}$$

3. There are 786 balls. They have to be packed into packets of 9 each. How many packets can be made? How many balls will be left behind?

Number of packets can be made = $786 \div 9 = 87$
03 ball will be left.

$$\begin{array}{r} 87 \\ 9 \overline{) 786} \\ \underline{72} \\ 066 \\ \underline{63} \\ 03 \end{array}$$

4. Divide the sum of 235 and 525 by 8.

Sum = $235 + 525 = 760$
 $760 \div 8 = 95$ Ans.

$$\begin{array}{r} 95 \\ 8 \overline{) 760} \\ \underline{72} \\ 040 \\ \underline{40} \\ 00 \end{array}$$

5. Subtract 225 from 975 and divide the answer by 10.

Subtraction = $975 - 225 = 750$
 $750 \div 10 = 75$

$$\begin{array}{r} 75 \\ 10 \overline{) 750} \\ \underline{70} \\ 050 \\ \underline{50} \\ 00 \end{array}$$

6. Multiply 135 by 4 and divide the product by 9.

Multiply = $135 \times 4 = 540$
 $540 \div 9 = 60$

$$\begin{array}{r} 60 \\ 9 \overline{) 540} \\ \underline{54} \\ 000 \end{array}$$

7. Divide 888 by 8 and round the quotient to nearest tens.

888 nearest 10 $\rightarrow 890$
 8 nearest 10 $\rightarrow 10$

$890 \div 10 = 89$

$$\begin{array}{r} 89 \\ 10 \overline{) 890} \\ \underline{80} \\ 090 \\ \underline{90} \\ 00 \end{array}$$

8. Round 791 to nearest hundreds and divide the result by 7.

791 nearest hundreds $\rightarrow 800 \div 7$
 $= 114, R = 02$

$$\begin{array}{r} 114 \\ 7 \overline{) 800} \\ \underline{7} \\ 10 \\ \underline{7} \\ 30 \\ \underline{28} \\ 02 \end{array}$$