

Exercise 5.1

How many items are there in each groups ? Fill in the blanks for each picture.

1) There are 8 butterflies.
They are in 2 groups.
There are 4 butterflies in each group.
So, $8 \div 2 = 4$

2) There are 12 toffees.
They are in 3 groups.
There are 4 toffees in each group.
So, $12 \div 3 = 4$

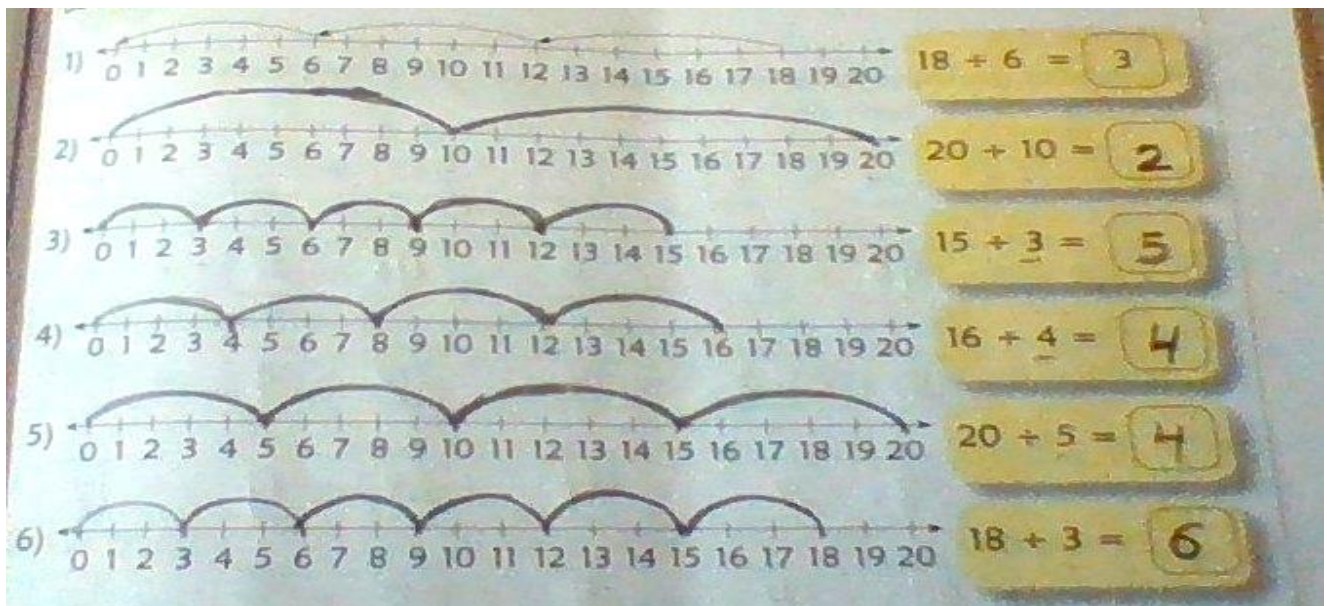
Exercise 5.2

Divide by repeated subtractions.

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|-----------------|---------------------------------------|-----------------|
| 1. $20 \div 5$ | $20-5$ $15-5$ $10-5$ $5-5$ 0 | $20 \div 5 = 4$ |
| 2. $16 \div 4$ | $16-4$ $12-4$ $8-4$ $4-4$ 0 | $16 \div 4 = 4$ |
| 3. $18 \div 9$ | $18-9$ $9-9$ 0 | $18 \div 9 = 2$ |
| 4. $24 \div 8$ | $24-8$ $16-8$ $8-8$ 0 | $24 \div 8 = 3$ |
| 5. $21 \div 7$ | $21-7$ $14-7$ $7-7$ 0 | $21 \div 7 = 3$ |
| 6. $20 \div 4$ | $20-4$ $16-4$ $12-4$ $8-4$ $4-4$ 0 | $20 \div 4 = 5$ |
| 7. $35 \div 7$ | $35-7$ $28-7$ $21-7$ $14-7$ $7-7$ 0 | $35 \div 7 = 5$ |
| 8. $12 \div 3$ | $12-3$ $9-3$ $6-3$ $3-3$ 0 | $12 \div 3 = 4$ |
| 9. $24 \div 6$ | $24-6$ $18-6$ $12-6$ $6-6$ 0 | $24 \div 6 = 4$ |
| 10. $36 \div 9$ | $36-9$ $27-9$ $18-9$ $9-9$ 0 | $36 \div 9 = 4$ |

Exercise 5.3

Divide using number line and fill in the boxes.



Exercise 5.4

Write the division fact for the given multiplication facts.

1. $7 \times 6 = 42$	$42 \div 6 = 7$	$42 \div 7 = 6$
2. $5 \times 8 = 40$	$40 \div 8 = 5$	$40 \div 5 = 8$
3. $9 \times 3 = 27$	$27 \div 3 = 9$	$27 \div 9 = 3$
4. $4 \times 7 = 28$	$28 \div 7 = 4$	$28 \div 4 = 7$
5. $5 \times 4 = 20$	$20 \div 4 = 5$	$20 \div 5 = 4$
6. $6 \times 4 = 24$	$24 \div 4 = 6$	$24 \div 6 = 4$

Exercise 5.5

Divide the following

- $8 \div 1 = 8$
- $16 \div 16 = 1$
- $0 \div 2 = 0$
- $50 \div 1 = 50$
- $9 \div 9 = 1$
- $0 \div 24 = 0$
- $22 \div 22 = 1$
- $63 \div 1 = 63$
- $98 \div 98 = 1$

Exercise 5.6

$$\begin{array}{r} 62 \\ 2 \overline{) 124} \\ \underline{-12} \downarrow \\ 004 \\ \underline{-4} \\ 0 \end{array} \quad \begin{array}{r} 123 \\ 3 \overline{) 369} \\ \underline{-3} \downarrow \\ 06 \\ \underline{-6} \downarrow \\ 09 \\ \underline{-9} \\ 0 \end{array} \quad \begin{array}{r} 6 \\ 4 \overline{) 24} \\ \underline{-24} \\ 00 \end{array}$$

$$\begin{array}{r} 41 \\ 4 \overline{) 164} \\ \underline{-16} \downarrow \\ 004 \\ \underline{-4} \\ 0 \end{array} \quad \begin{array}{r} 35 \\ 5 \overline{) 175} \\ \underline{-15} \downarrow \\ 025 \\ \underline{-25} \\ 00 \end{array} \quad \begin{array}{r} 100 \\ 3 \overline{) 300} \\ \underline{-3} \downarrow \\ 00 \\ \underline{-0} \downarrow \\ 00 \\ \underline{-0} \\ 00 \end{array}$$

$$\begin{array}{r} 25 \\ 2 \overline{) 50} \\ \underline{-4} \downarrow \\ 10 \\ \underline{-10} \\ 00 \end{array} \quad \begin{array}{r} 30 \\ 5 \overline{) 150} \\ \underline{-15} \downarrow \\ 000 \\ \underline{-0} \\ 0 \end{array}$$

Exercise 5.7

$$\begin{array}{r} 41 \\ 2 \overline{) 82} \\ \underline{-8} \downarrow \\ 02 \\ \underline{-2} \\ 0 \end{array} \quad \begin{array}{r} 23 \\ 3 \overline{) 69} \\ \underline{-6} \downarrow \\ 09 \\ \underline{-9} \\ 0 \end{array} \quad \begin{array}{r} 62 \\ 2 \overline{) 124} \\ \underline{-12} \downarrow \\ 004 \\ \underline{-4} \\ 0 \end{array}$$

Quotient = 41 Quotient = 23 Quotient = 62
Remainder = 0 Remainder = 0 Remainder = 0

$ \begin{array}{r} 101 \\ 4) \overline{5) 505} \\ \underline{-50} \\ 00 \\ \underline{-0} \\ 05 \\ \underline{-5} \\ 0 \end{array} $ Quotient = 101 Remainder = 0	$ \begin{array}{r} 131 \\ 5) \overline{2) 262} \\ \underline{-20} \\ 06 \\ \underline{-6} \\ 02 \\ \underline{-2} \\ 0 \end{array} $ Quotient = 131 Remainder = 0	$ \begin{array}{r} 81 \\ 6) \overline{3) 245} \\ \underline{-24} \\ 005 \\ \underline{-3} \\ 2 \end{array} $ Quotient = 81 Remainder = 0
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Exercise 5.8

1.

Number of Pages = 144
Pages in a day = 8

$$\begin{array}{r}
 18 \\
 8) \overline{144} \\
 \underline{-80} \\
 64 \\
 \underline{-64} \\
 00
 \end{array}$$

Ans.: Akash will take 18 days to read the whole book.

2.

Number of Steps = 945
Climb in a second = 3

$$\begin{array}{r}
 315 \\
 3) \overline{945} \\
 \underline{-90} \\
 04 \\
 \underline{-3} \\
 15 \\
 \underline{-15} \\
 00
 \end{array}$$

Ans.: Ravi will take 315 seconds to climb 945 steps.

3.

Number of beads = 995
beads in a bracelet = 5

$$\begin{array}{r}
 199 \\
 5) \overline{995} \\
 \underline{-50} \\
 49 \\
 \underline{-45} \\
 045 \\
 \underline{-45} \\
 00
 \end{array}$$

Ans.: Meena can make 199 bracelet with 995 beads.