

**Advanced
Complete**
MathSmart®

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Answers

179

3

Multiplication and Division

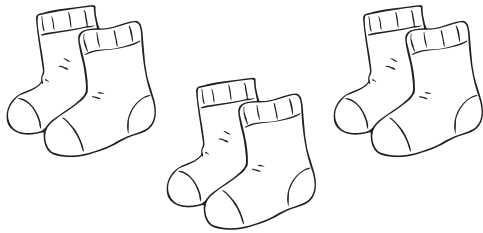
solving a variety of word problems that involve multiplying numbers up to 1 digit and dividing numbers up to 2 digits



Math Skills

Multiplication

- ① 3 groups of 2



$$2 \times 3 = \underline{\quad\quad}$$

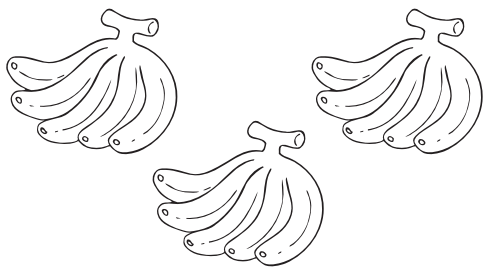
total number

- ② 4 groups of 3



$$\underline{\quad\quad} \times \underline{\quad\quad} = \underline{\quad\quad}$$

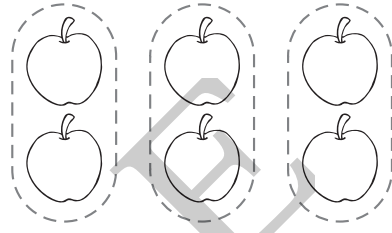
- ③ 3 groups of 5



$$\underline{\quad\quad} \times \underline{\quad\quad} = \underline{\quad\quad}$$

Division

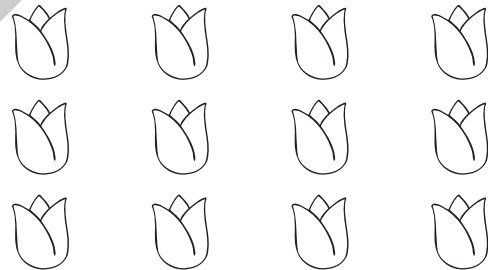
- ④ Put 6 into groups of 2.



$$6 \div 2 = \underline{\quad\quad}$$

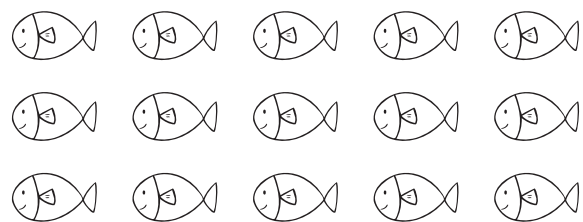
number of groups

- ⑤ Put 12 into groups of 4.



$$\underline{\quad\quad} \div \underline{\quad\quad} = \underline{\quad\quad}$$

- ⑥ Put 15 into groups of 3.



$$\underline{\quad\quad} \div \underline{\quad\quad} = \underline{\quad\quad}$$



There are 5 peas in 1 pod.

a. How many peas are there in 3 pods?

There are _____ peas in 3 pods.

b. How many peas are there in 5 pods?

There are _____ peas in 5 pods.

③ Lucas has 6 toy cars. Each toy car has 4 wheels. How many wheels are there altogether?

There are _____ wheels altogether.

- ① Rick is running laps around a soccer field. It takes him 110 steps to run along the length of the field and 75 steps to run along its width. What is the perimeter of the soccer field in steps?

Length: _____

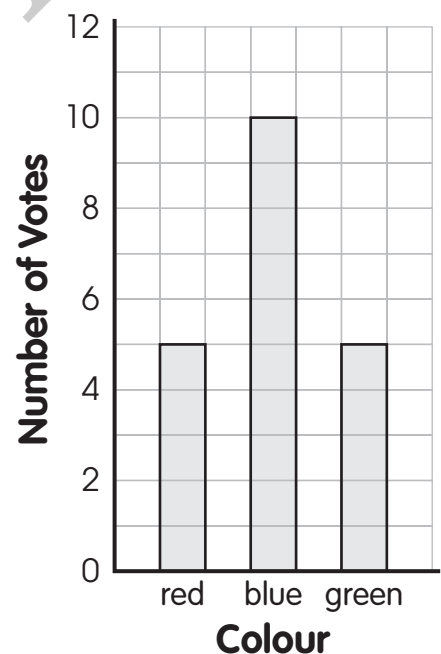
Width: _____

Perimeter: _____ + _____ + _____ + _____ = _____

The perimeter of the soccer field is _____ .

- ② Ms. Jean's class voted for their favourite colours. 4 of the students who like blue are boys. What fraction of the students who like blue are boys?

Favourite Colours of Ms. Jean's Class



Topics covered:

Question 1

- addition
- perimeter

Question 2

- fractions
- graphs

- ③ A cube is made with toothpicks as edges and balls of clay as vertices. Jon takes the cube apart and uses the toothpicks to make 2 identical shapes with 1 toothpick for each side. What shape will he make?

**Hints**

If all the toothpicks are divided into 2 equal groups, how many toothpicks are there in each group?

- ④ Refer to Question 3. Does he have enough balls of clay for all the corners of the two shapes? If not, how many more does he need?
- ⑤ Mary is picking apples and putting them into bags that each holds 12 apples. 1 of the bags is full and the other 2 bags are both half full. How many apples has Mary picked?

Topics covered:**Question 3**

- division
- shapes
- solids

Question 4

- shapes
- solids

Question 5

- addition
- division