What is division?

Name: _____ Date: _____



Mr Boston says: Sharing asks “how many in each share?”. Grouping asks “how many groups?”. Both give the same answer.

1. Sharing

Draw the things shared equally on the plates. Then fill in the answer.

1 Share **12 cookies** equally between **3** plates.

12 ÷ 3 = _____

2 Share **15 strawberries** equally between **5** plates.

15 ÷ 5 = _____

3 Share **16 pencils** equally between **4** plates.

16 ÷ 4 = _____

4 Share **18 stickers** equally between **6** plates.

18 ÷ 6 = _____

2. Grouping

Ring groups of the size shown. How many groups are there?

5 Ring groups of **4**.

20 ÷ 4 = _____

6 Ring groups of **3**.

18 ÷ 3 = _____

7 Ring groups of **6**.

24 ÷ 6 = _____

3. Fill in the gaps

Example: 20 ÷ 4 = 5. This means 4 fits into 20 exactly 5 times.

8 18 ÷ 6 = _____. This means 6 fits into 18 exactly _____ times.

9 24 ÷ 8 = _____. This means 8 fits into 24 exactly _____ times.

10 35 ÷ 5 = _____. This means 5 fits into 35 exactly _____ times.

11 42 ÷ 7 = _____. This means 7 fits into 42 exactly _____ times.

4. Fact families

12 3 × 7 = 21. Write two division facts: _____ and _____

13 4 × 9 = 36. Write two division facts: _____ and _____

Answers for grown-ups

What is division?

1. 12 ÷ 3 = **4**
2. 15 ÷ 5 = **3**
3. 16 ÷ 4 = **4**
4. 18 ÷ 6 = **3**
5. 20 ÷ 4 = **5**
6. 18 ÷ 3 = **6**
7. 24 ÷ 6 = **4**
8. 18 ÷ 6 = **3**; 6 fits into 18 exactly **3** times
9. 24 ÷ 8 = **3**; 8 fits into 24 exactly **3** times
10. 35 ÷ 5 = **7**; 5 fits into 35 exactly **7** times
11. 42 ÷ 7 = **6**; 7 fits into 42 exactly **6** times
12. **21 ÷ 3 = 7** and **21 ÷ 7 = 3**
13. **36 ÷ 4 = 9** and **36 ÷ 9 = 4**