7+ Understanding Multiplication & Division Facts

Learning focus: Building confidence with the 2, 3, 4, 5 and 10 times tables, understanding multiplication and division facts, and solving problems accurately.

Section 1 – Quick-fire times tables

Complete the calculations.

1. 2 × 7 = _____

2. 5 × 6 = _____

3. 3 × 8 = _____

4. 10 × 9 = _____

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5. 4 × 5 = _____

6. 2 × 12 = _____

7. 3 × 6 = _____

8. 5 × 11 = _____

9. 4 × 8 = _____

10. 10 × 4 = _____

11. 3 × 9 = _____

12. 4 × 7 = _____

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Section 2 – Fill in the missing number

Find the missing number in each calculation.

1. 3 × ___ = 21
2. ___ × 5 = 40
3. 4 × ___ = 36
4. 2 × ___ = 18
5. ___ × 10 = 70
6. 3 × ___ = 27
7. 5 × ___ = 55
8. ___ × 4 = 32
9. 2 × ___ = 14
10. ___ × 3 = 24

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Section 3 – Division challenge

Work out each answer.

1. 20 ÷ 5 = _____

2. 24 ÷ 3 = _____

3. 36 ÷ 4 = _____

4. 40 ÷ 10 = _____

5. 18 ÷ 2 = _____

6. 45 ÷ 5 = _____

7. 27 ÷ 3 = _____

8. 32 ÷ 4 = _____

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9. 60 ÷ 10 = _____

10. 22 ÷ 2 = _____

Section 4 – Match the multiplication and division facts

Draw a line to match each calculation to its answer.

6 × 4	8
30 ÷ 5	24
3 × 7	6
40 ÷ 5	21
4 × 9	36
20 ÷ 1	2

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Section 5 – True or false?

Write T for true or F for false.

1. 4 × 6 = 24 _____
2. 30 ÷ 5 = 5 _____
3. 3 × 9 = 27 _____
4. 40 ÷ 4 = 10 _____
5. 5 × 7 = 30 _____
6. 20 ÷ 2 = 10 _____
7. 10 × 8 = 80 _____
8. 36 ÷ 4 = 8 _____

Section 6 – What is the missing operation?

Choose whether you need to multiply (×) or divide (÷).

1. 5 ___ 4 = 20
2. 30 ___ 5 = 6
3. 3 ___ 8 = 24
4. 40 ___ 10 = 4
5. 4 ___ 7 = 28
6. 18 ___ 3 = 6

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Section 7 – Word problems

Read each problem carefully. Show your working.

1. The football cards

Jack has 5 packets of football cards. Each packet contains 4 cards.

How many cards does Jack have altogether?

Working: _____

Answer: _____

2. The cupcakes

A baker makes 36 cupcakes. She puts 4 cupcakes into each box.

How many boxes does she need?

Working: _____

Answer: _____

3. The pencils

There are 30 pencils shared equally between 5 children.

How many pencils does each child receive?

Working: _____

Answer: _____

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4. The books

A teacher puts 3 books on each of 8 tables.

How many books does she need altogether?

Working: _____

Answer: _____

5. The challenge

Sam has 48 sweets. He shares them equally between 4 friends.

How many sweets does each friend get?

Working: _____

Answer: _____

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Section 8 – The multiplication and division family

Complete all four number sentences using the same three numbers.

Example: 3, 4 and 12.

- 3 × 4 = 12
- 4 × 3 = 12
- 12 ÷ 3 = 4
- 12 ÷ 4 = 3

Now try these:

1. Numbers: 5, 6 and 30

- _____ × _____ = _____
- _____ × _____ = _____
- _____ ÷ _____ = _____
- _____ ÷ _____ = _____

2. Numbers: 4, 8 and 32

- _____ × _____ = _____
- _____ × _____ = _____
- _____ ÷ _____ = _____
- _____ ÷ _____ = _____

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Section 9 – Super challenge!

Extra thinking

1. I am a number. When you multiply me by 5, the answer is 45. What am I?

Answer: _____

2. I am a number. When you divide me by 4, the answer is 7. What am I?

Answer: _____

3. Three children each have the same number of marbles. Altogether they have 27 marbles. How many does each child have?

Answer: _____

4. What is the largest number you can make using 3 × 4, 5 × 6 and 2 × 9?

Answer: _____

5. Write two different multiplication calculations that equal 40.

_____ and _____

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