ASPIRE TO POWER LEARNING

Year 3 | Number

Multiplication, division and fact families

Learn and practise | Free preview

A sample from this topic. The complete topic collection contains three different resources and worked solutions.

Show your thinking using words, working or a labelled drawing. Use the explanations and example first.

What you will practise

• Multiplication, division and fact families

• Explain and check an answer with an appropriate representation.

Useful starting skills: Use objects, drawings or a number line to explain a simple idea.

Multiplication finds a total made from equal groups. The two factors describe how many groups and how many objects are in each group.

Division can ask how many groups can be made or how many objects belong in each group. Arrays, repeated addition and related multiplication facts help you check the result.

Worked example

Four trays each hold 6 seedlings. Find the total.

Represent 4 equal groups of 6.

6+6+6+6=24, so 4×6=24. The related facts include 24÷4=6 and 24÷6=4.

Answer: 24 seedlings

Try it yourself

Name: _____ Date: _____

1. Draw 3 equal groups of 8. Find the total and write a repeated-addition sentence.

2. Draw 4 equal groups of 7. Find the total and write a repeated-addition sentence.

Answers and explanations

Check the method as well as the final answer. An alternative correct method is also valid.

1. 24

Add 8 exactly 3 times, or calculate $3 \times 8 = 24$.

2. 28

Add 7 exactly 4 times, or calculate $4 \times 7 = 28$.

Curriculum reference: VC2M3N05; VC2M3A03

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