

Multiplication Facts and Properties: math practice, Grade 3 – download the PDF

22 problems graded by difficulty (★ easy, ★★ medium, ★★★ hard). Try first, without looking at the solutions!

1 Skip counting by 5



Fill in the missing numbers: 5, 10, ____, 20, ____, 30, 35, ____, 45, 50. Then write the multiplication fact for the number 35.

2 Facts of 2, 5 and 10

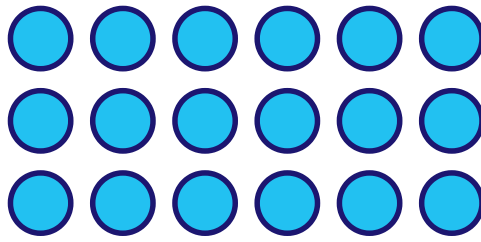


Find each product. a) 2×7 b) 2×9 c) 10×6 d) 10×10 e) 5×8 f) 5×7

3 Reading an array



A sticker sheet looks like the picture.



3 rows of 6 stickers

Write two multiplication sentences for the array and tell how many stickers there are.

4 Facts of 3 and 4



Find each product. a) 3×4 b) 3×7 c) 4×6 d) 4×8 e) 3×9 f) 4×9

5 Bags of oranges



A grocer fills 4 bags with 5 oranges in each bag. How many oranges does the grocer use?

6 True or false?



Say whether each statement is true or false. If it is false, give the correct product. a)

$5 \times 6 = 30$ b) $2 \times 8 = 18$ c) $10 \times 4 = 40$ d) $3 \times 5 = 20$ e) $4 \times 4 = 12$

7 The nines trick



Use the tens-minus-one-group idea or the digits trick to find a) 9×3 b) 9×5 c) 9×7 d)

9×9 .

8

Harder facts

Find each product. a) 6×6 b) 6×8 c) 7×7 d) 7×8 e) 8×8 f) 6×7

9

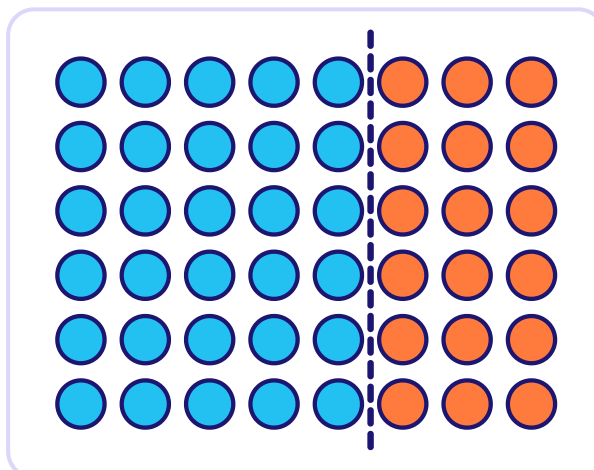
Find the missing factor

Find the missing number. a) $4 \times \square = 28$ b) $\square \times 6 = 54$ c) $8 \times \square = 40$ d) $\square \times 7 = 21$ e) $6 \times \square = 60$

10

Splitting an array

The array has 6 rows and 8 columns. It is split after the fifth column.



a) Complete: $6 \times 8 = 6 \times 5 + 6 \times \square = \square + \square = \square$. b) Use the same idea to find 8×7 by splitting 7 into $5 + 2$.

11

Changing the grouping

a) Show that $(2 \times 3) \times 4$ and $2 \times (3 \times 4)$ are equal. b) Find $5 \times 2 \times 7$ by making a ten first.

12 Multiples of 10



Find each product. a) 3×20 b) 5×30 c) 7×40 d) 6×50 e) 9×30 f) 8×60

13 Ribbons of two sizes

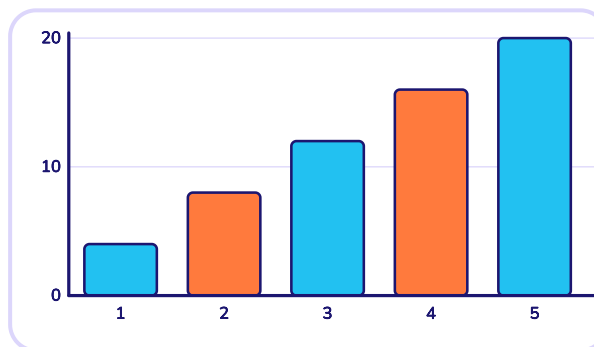


a) Maya cuts 6 ribbons that are each 8 inches long. How many inches of ribbon is that? b) Her brother cuts 5 ribbons that are each 9 centimeters long. How many centimeters is that?

14 Wheels on cars



The bar chart shows the number of wheels for different numbers of cars.



a) How many wheels do 3 cars have? b) How many wheels would 7 cars have? c) How many cars have 40 wheels?

15 Nine groups the clever way



Use the fact $10 \times 7 = 70$ to find 9×7 . Then use the same idea to find 9×8 . Explain each step.

16 Cookies for orders

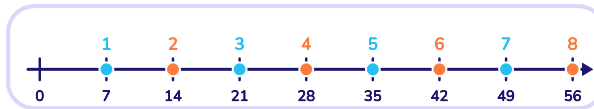


A baker packs 6 cookies in each of 4 boxes and 8 cookies in each of 3 other boxes. a) How many cookies are in each kind of box set? b) How many cookies in all? c) The baker needs 50 cookies for an order. Is there enough?

17 A frog on the number line

★★★

A frog starts at 0 and makes equal hops of 7. The picture shows where it lands, with the hop number above each spot.



a) Where does the frog land after 6 hops? b) After how many hops does it first reach 56? c) Will the frog ever land exactly on 50? Explain.

18 Find the mistake

★★★

Liam says $7 \times 8 = 54$ and $6 \times 30 = 18$. Find each mistake and give the right answers with a short explanation.

19 Multiples of 10 and grouping

★★★

Find $3 \times 2 \times 40$ in two different ways, and show that both ways give the same product.

20 Mystery product

★★★

I am a product of 6 and also a product of 8. I am greater than 20 and less than 30. Which number am I? Write both facts.

21 Unknown factors

★★★

Find the missing number. a) $\square \times 8 = 72$ b) $7 \times \square = 63$ c) $\square \times 9 = 54$ d) $8 \times \square = 56$

22

Equal rows of desks

A teacher has 24 desks and wants to arrange them in equal rows. Give all the ways to do it with at most 8 rows and at most 8 desks in each row. Write each as a multiplication fact.

**Test yourself: quick challenge for Grade 3**[Change level](#)**Level : Grade 3**

6 random questions, instant feedback.

**Start the challenge****Speed drill for Grade 3: how many in 60 seconds?****Keep exploring with Zyro**

 Practice solutions

Multiplication Facts and Properties:
practice solutions, Grade 3

 Math lessons

Multiplication Facts and Properties:
math lesson, Grade 3

 Math quizzes

Multiplication Facts and Properties:
math quiz, Grade 3

 Practice solutions

Understanding Division: practice
solutions, Grade 3

 Practice solutions

Two-Step Problems and Patterns:
practice solutions, Grade 3

 Math lessons

Understanding Division: math lesson,
Grade 3

Zyro vous emmène sur nos sites partenaires

Embarquez pour d'autres planètes du savoir et leurs applis.

Décollage