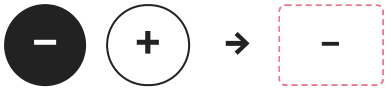
Multiplying and dividing negative numbers

1

Work out -5×3

are the signs the same or different?



the numbers

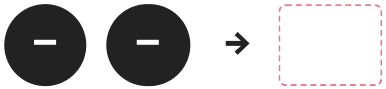
$5 \times 3 =$ ☐

Answer _____

2

Work out -6×-4

are the signs the same or different?



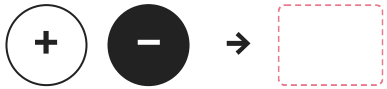
the numbers

$6 \times 4 =$ ☐

Answer _____

3

Work out 8×-3

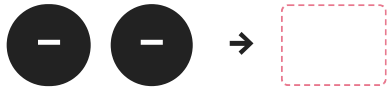


$8 \times 3 =$ ☐

Answer _____

4

Work out -9×-7

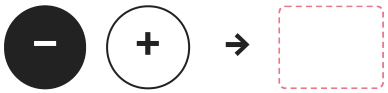


$9 \times 7 =$ ☐

Answer _____

5

Work out $-56 \div 8$



$56 \div 8 =$ ☐

Answer _____

6

Work out $-2 \times -5 \times -3$

count the negatives



odd or even? so the sign is

☐ → ☐

the numbers

$2 \times 5 \times 3 =$ ☐

Answer _____

7

Work out $(-6)^2$

$(-6)^2 = -6 \times -6$

_____

Answer _____

8

Find the missing number.

$-40 \div$ ☐ $= 8$

_____

Answer _____

Multiplying and dividing negative numbers *further practice*

9

Work out

$$-72 \div -9$$

Answer _____

10

Without working them out, write **positive** or **negative** for each answer.

-7×8 _____

-9×-3 _____

$40 \div -5$ _____

$-2 \times -2 \times -2$ _____

11

Complete the pattern.

$3 \times -4 = -12$

$2 \times -4 = -8$

$1 \times -4 = -4$

$0 \times -4 = 0$

$-1 \times -4 =$ ☐

$-2 \times -4 =$ ☐

12

In a board game, every red card is worth −5 points. Ava has 4 red cards. How many points are her red cards worth altogether?

Answer _____

13

Two numbers multiply to make 15 and add to make −8. What are the two numbers?

Answer _____

14

Which is bigger, $(-5)^2$ or -5×5? Show how you know.

Answer _____

15

A café makes a loss of £12 on each of 5 weekdays and a profit of £25 on each of 2 weekend days. Work out its total profit for the week. Use a negative number for a loss.

Answer _____

16

Amir says $-2 \times -3 \times -4 \times -5$ is positive, without working it out. Is he right? Explain how he knows.

Answer _____