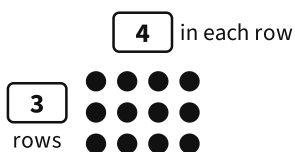


Multiplication Facts with Arrays

ANSWERS

1

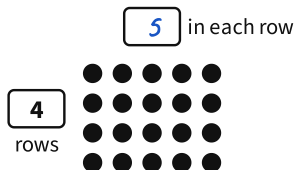
How many dots are there?
How many rows? How many in each row? Multiply.



Fact $3 \times 4 = 12$

2

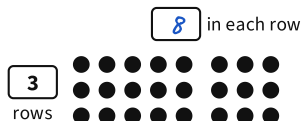
How many dots are there?
How many rows? How many in each row? Multiply.



Fact $4 \times 5 = 20$

3

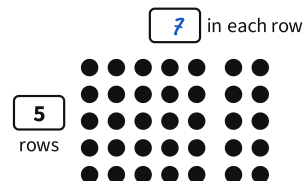
How many dots are there?
How many rows? How many in each row? Multiply.



Fact $3 \times 8 = 24$

4

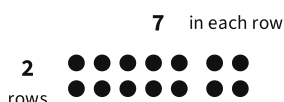
How many dots are there?
How many rows? How many in each row? Multiply.



Fact $5 \times 7 = 35$

5

Write two multiplications for this array.

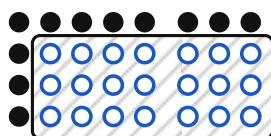


Fact $2 \times 7 = 14$

Fact $7 \times 2 = 14$

6

A card covers part of this array.
How many dots are there altogether?



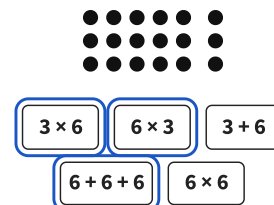
Rows 4

In each row 8

Fact $4 \times 8 = 32$

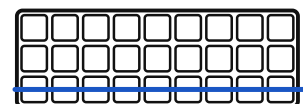
7

Circle every fact that matches this array.



8

A bar of chocolate has 3 rows of 9 squares. You eat one row. How many squares are left?



Fact $2 \times 9 = 18$

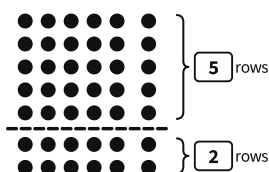
Answer 18 squares

Multiplication Facts with Arrays *further practice*

ANSWERS

9

Work out 7×6 . Split the rows into facts you know. Add the two parts.



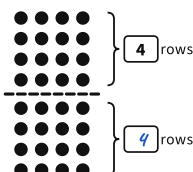
Top $5 \times 6 = 30$

Bottom $2 \times 6 = 12$

Total $7 \times 6 = 42$

10

Work out 8×4 . 8 rows is double 4 rows.



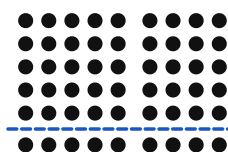
Top $4 \times 4 = 16$

Bottom $4 \times 4 = 16$

Total $8 \times 4 = 32$

11

A baking tray holds 6 rows of 9 cookies. How many cookies? Draw a split line first.

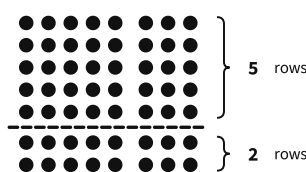


Fact $6 \times 9 = 54$

Answer 54 cookies

12

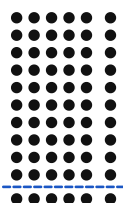
Ella knows $5 \times 8 = 40$ and $2 \times 8 = 16$. What fact can she make from them?



Fact $7 \times 8 = 56$

13

A car park has 11 rows with 6 spaces in each row. How many spaces are there?



Fact $11 \times 6 = 66$

Answer 66 spaces

14

Kai wants to split 9×7 . Which split works? Tick it. Then work out 9×7 .

- ☐ 5 rows and 2 rows
☒ 5 rows and 4 rows

Top $5 \times 7 = 35$

Bottom $4 \times 7 = 28$

Total $9 \times 7 = 63$

15

Gig tickets cost £4 each. How much do 12 tickets cost?

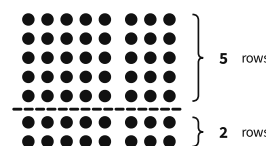
Top $10 \times 4 = 40$

Bottom $2 \times 4 = 8$

Answer $£48$

16

Sam says 7×8 is 5×8 add 2×2 , so it is 44. Is Sam right? Explain.



No. The 2 rows have 8 in each, so $40 + 16 = 56$.