

13 times table chart

Reference facts from 1 to 25, plus zero and a useful strategy

MULTIPLICATION		PRODUCT	MULTIPLICATION		PRODUCT
13×1	=	13	13×14	=	182
13×2	=	26	13×15	=	195
13×3	=	39	13×16	=	208
13×4	=	52	13×17	=	221
13×5	=	65	13×18	=	234
13×6	=	78	13×19	=	247
13×7	=	91	13×20	=	260
13×8	=	104	13×21	=	273
13×9	=	117	13×22	=	286
13×10	=	130	13×23	=	299
13×11	=	143	13×24	=	312
13×12	=	156	13×25	=	325
13×13	=	169			

Zero counts too: $13 \times 0 = 0$. Zero groups contain zero objects.

The table continues beyond 25. Add 13 to get the next product.

Split 13 into 10 + 3

$$13 \times 8 = (10 \times 8) + (3 \times 8) = 80 + 24 = \mathbf{104}$$

Multiply both parts by 8, then add. The three extras occur in every group.

13 times table practice

Try without the chart. Show your thinking where it helps.

Name _____

Date _____

1. $13 \times 4 =$ _____

2. $13 \times 7 =$ _____

3. $13 \times 16 =$ _____

4. $13 \times 0 =$ _____

5. $13 \times$ _____ $= 195$

6. $169 \div 13 =$ _____

7. $234 \div 13 =$ _____

8. Continue the pattern:
78, 91, _____, _____

9. Circle the multiples of 13:
65, 80, 117, 144

10. Nine bags hold 13 buttons each.
How many buttons are there?

11. Six boxes hold 13 pencils each.
Eight pencils are given away.
How many remain?

12. Fix this error:
 $13 \times 6 = 60 + 3 = 63$
Explain what to change.

Check: Use page 3 after you finish. Revisit any missed facts later.

Answers and methods

Use these methods to check your work and repair mistakes

1. 52

$$40 + 12 = 52.$$

2. 91

$$70 + 21 = 91.$$

3. 208

$$160 + 48 = 208.$$

4. 0

Zero groups give zero objects.

5. 15

$$13 \times 15 = 130 + 65 = 195.$$

6. 13

$$13 \times 13 = 169, \text{ so } 169 \div 13 = 13.$$

7. 18

$$13 \times 18 = 180 + 54 = 234.$$

8. 104, 117

Add 13 each time: $91 + 13 = 104$; then $104 + 13 = 117$.

9. 65 and 117

$13 \times 5 = 65$; $13 \times 9 = 117$. Neither 80 nor 144 is divisible by 13.

10. 117 buttons

$$9 \times 13 = 90 + 27 = 117.$$

11. 70 pencils

$$6 \times 13 = 78 \text{ pencils}; 78 - 8 = 70.$$

12. $13 \times 6 = 78$

Multiply the 3 by 6 too. Each of the six groups has three extras: $60 + 18 = 78$.

Helpful strategy: $13 \times n = (10 \times n) + (3 \times n)$.

For division, ask which whole number multiplied by 13 gives the total.