Long multiplication

Name: _____ Date: _____

Remember: Write the numbers underneath each other: units under units. Multiply by the **units** first, then by the **tens**. In the second row you first write a **0**, because you are now multiplying by tens. Then add the two rows.

1. 23 × 3 =

		2	3
×			3

Answer: _____

2. 41 × 2 =

		4	1
×			2

Answer: _____

3. 30 × 20 =

			3	0
×			2	0
+				

Answer: _____

4. 124 × 3 =

		1	2	4
×				3

Answer: _____

5. 215 × 4 =

		2	1	5
×				4

Answer: _____

6. 168 × 5 =

		1	6	8
×				5

Answer: _____

7. 36 × 12 =

		3	6	
×		1	2	
+				

Answer: _____

8. 24 × 15 =

		2	4	
×		1	5	
+				

Answer: _____

9. 16 × 24 =

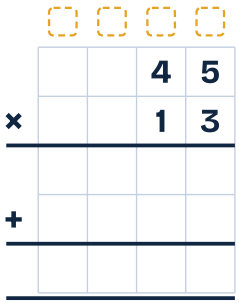
		1	6	
×		2	4	
+				

Answer: _____

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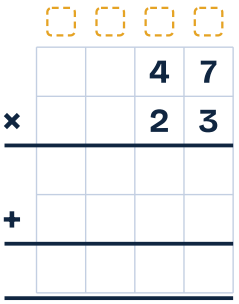
Long multiplication · page 2

10. 45 × 13 =



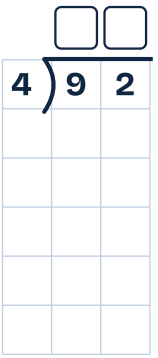
Answer: _____

11. 47 × 23 =



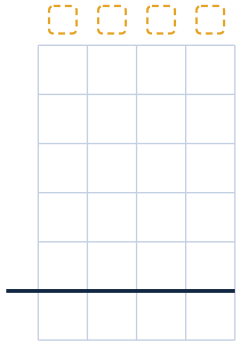
Answer: _____

12. 2□ × 4 = 92. Which digit fits in the box?



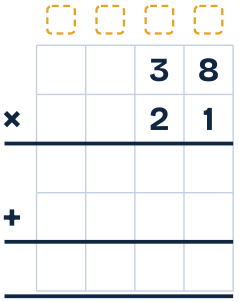
Answer: _____

13. A farmer plants 27 rows of trees with 63 trees in each row. How many trees does he plant?



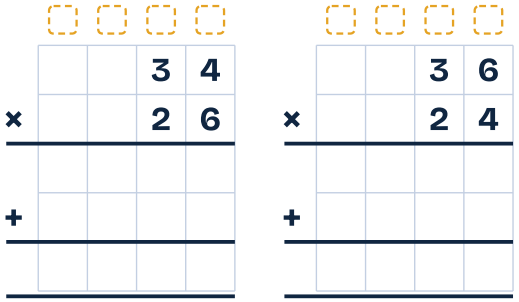
Answer: _____

14. Round both numbers to the nearest 10 and estimate. Then work out exactly: 38 × 21



Answer: _____

15. Which is more: 34 × 26 or 36 × 24? By how much?



Answer: _____

I got _____ out of 15 ☆ ☆ ☆

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Long multiplication – Memo

Show your child the steps – not just the answer.

1. **69**
   23 × 3 = 69

2. **82**
   41 × 2 = 82

3. **600**
   30 × 20 = 600

4. **372**
   124 × 3 = 372

5. **860**
   215 × 4 = 860

6. **840**
   168 × 5 = 840

7. **432**
   36 × 2 = 72; 36 × 10 = 360; 72 + 360 = 432

8. **360**
   24 × 5 = 120; 24 × 10 = 240; 120 + 240 = 360

9. **384**
   16 × 4 = 64; 16 × 20 = 320; 64 + 320 = 384

10. **585**
    45 × 3 = 135; 45 × 10 = 450; 135 + 450 = 585

11. **1 081**
    47 × 3 = 141; 47 × 20 = 940; 141 + 940 = 1 081

12. **3**
    92 ÷ 4 = 23, so 2□ = 23

13. **1 701 trees**
    63 × 7 = 441; 63 × 20 = 1 260; 441 + 1 260 = 1 701

14. **estimate 800; exact 798**
    40 × 20 = 800; 38 × 1 = 38; 38 × 20 = 760; 38 + 760 = 798

15. **34 × 26 = 884 is more, by 20**
    34 × 26 = 884; 36 × 24 = 864; 884 − 864 = 20

Stars: 8 right = 1 star · 12 right = 2 stars · 15 right = 3 stars ☆ ☆ ☆

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