

Multiply 2-Digit by 1-Digit

Count the tens and the ones. Then find the product.

Base-Ten Blocks

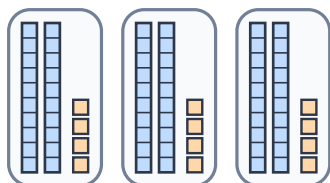


= 1 ten



= 1 one

10 ones = 1 ten

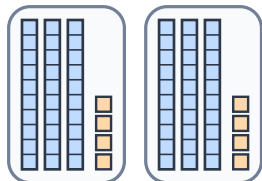


3×24

Example

$$\underline{6} \text{ tens} + \underline{12} \text{ ones} = \underline{72}$$

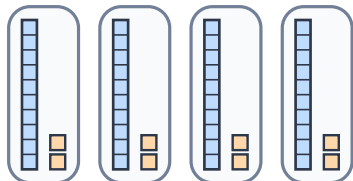
1.



2×34

$$\underline{\quad} \text{ tens} + \underline{\quad} \text{ ones} = \underline{\quad}$$

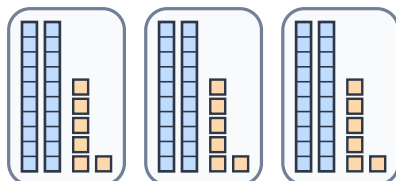
2.



4×12

$$\underline{\quad} \text{ tens} + \underline{\quad} \text{ ones} = \underline{\quad}$$

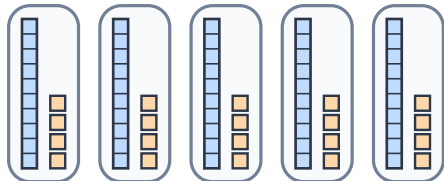
3.



3×26

$$\underline{\quad} \text{ tens} + \underline{\quad} \text{ ones} = \underline{\quad}$$

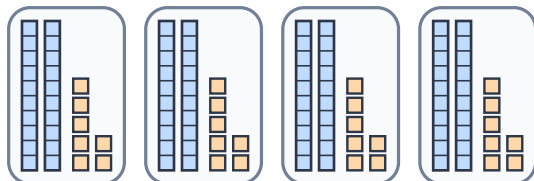
4.



5×14

$$\underline{\quad} \text{ tens} + \underline{\quad} \text{ ones} = \underline{\quad}$$

5.



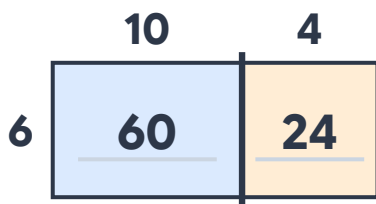
4×27

$$\underline{\quad} \text{ tens} + \underline{\quad} \text{ ones} = \underline{\quad}$$

Multiply 2-Digit by 1-Digit

Multiply the tens part and the ones part. Then add them.

Example



$$14 \times 6 = \underline{60} + \underline{24}$$

$$= \underline{84}$$

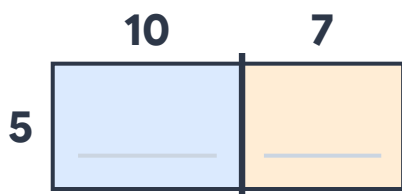
1.



$$32 \times 3 = \underline{\quad} + \underline{\quad}$$

$$= \underline{\quad}$$

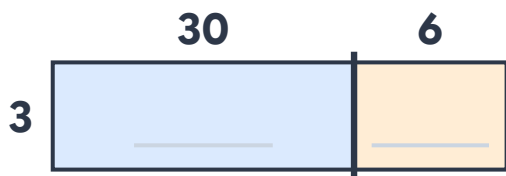
2.



$$17 \times 5 = \underline{\quad} + \underline{\quad}$$

$$= \underline{\quad}$$

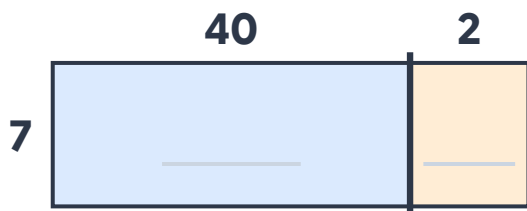
3.



$$36 \times 3 = \underline{\quad} + \underline{\quad}$$

$$= \underline{\quad}$$

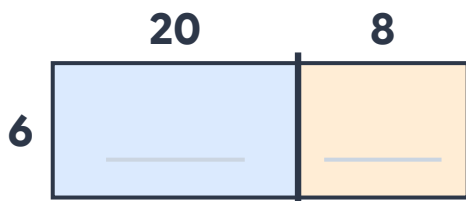
4.



$$42 \times 7 = \underline{\quad} + \underline{\quad}$$

$$= \underline{\quad}$$

5.



$$28 \times 6 = \underline{\quad} + \underline{\quad}$$

$$= \underline{\quad}$$

Multiply 2-Digit by 1-Digit

Multiply the tens, then the ones. Add the partial products.

Example

$$\begin{array}{r} 47 \\ \times 3 \\ \hline 120 \quad (40 \times 3) \\ + 21 \quad (7 \times 3) \\ \hline 141 \end{array}$$

1.

$$\begin{array}{r} 36 \\ \times 4 \\ \hline \quad \quad (30 \times 4) \\ + \quad \quad (6 \times 4) \\ \hline \end{array}$$

2.

$$\begin{array}{r} 52 \\ \times 6 \\ \hline \quad \quad (50 \times 6) \\ + \quad \quad (2 \times 6) \\ \hline \end{array}$$

3.

$$\begin{array}{r} 28 \\ \times 7 \\ \hline \quad \quad (20 \times 7) \\ + \quad \quad (8 \times 7) \\ \hline \end{array}$$

4.

$$\begin{array}{r} 63 \\ \times 5 \\ \hline \quad \quad (60 \times 5) \\ + \quad \quad (3 \times 5) \\ \hline \end{array}$$

5.

$$\begin{array}{r} 72 \\ \times 4 \\ \hline \quad \quad (70 \times 4) \\ + \quad \quad (2 \times 4) \\ \hline \end{array}$$

6.

$$\begin{array}{r} 45 \\ \times 8 \\ \hline \quad \quad (40 \times 8) \\ + \quad \quad (5 \times 8) \\ \hline \end{array}$$

7.

$$\begin{array}{r} 39 \\ \times 6 \\ \hline \quad \quad (30 \times 6) \\ + \quad \quad (9 \times 6) \\ \hline \end{array}$$

8.

$$\begin{array}{r} 57 \\ \times 9 \\ \hline \quad \quad (50 \times 9) \\ + \quad \quad (7 \times 9) \\ \hline \end{array}$$

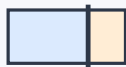
Multiply 2-Digit by 1-Digit

Multiply. Use any way you like and show your work.

Ways to Multiply



base-ten blocks



area model

$$\begin{array}{r} 120 \\ + 21 \\ \hline 141 \end{array}$$

partial products

1.

$$\begin{array}{r} 58 \\ \times 7 \\ \hline \end{array}$$

2.

$$\begin{array}{r} 83 \\ \times 4 \\ \hline \end{array}$$

3.

$$\begin{array}{r} 26 \\ \times 9 \\ \hline \end{array}$$

4.

$$\begin{array}{r} 91 \\ \times 6 \\ \hline \end{array}$$

5.

$$\begin{array}{r} 47 \\ \times 5 \\ \hline \end{array}$$

6.

$$\begin{array}{r} 65 \\ \times 8 \\ \hline \end{array}$$

7.

$$\begin{array}{r} 34 \\ \times 7 \\ \hline \end{array}$$

8.

$$\begin{array}{r} 72 \\ \times 9 \\ \hline \end{array}$$

9.

$$\begin{array}{r} 19 \\ \times 4 \\ \hline \end{array}$$

10.

$$\begin{array}{r} 86 \\ \times 3 \\ \hline \end{array}$$

11.

$$\begin{array}{r} 53 \\ \times 6 \\ \hline \end{array}$$

12.

$$\begin{array}{r} 98 \\ \times 2 \\ \hline \end{array}$$

Multiply 2-Digit by 1-Digit

Read each problem. Multiply to solve. Show your work.

1. There are **4** buses. Each bus has **38** children. How many children are on the buses?



_____ children

2. A baker puts **24** cupcakes on each tray. She fills **7** trays. How many cupcakes does she bake?



_____ cupcakes

3. A farmer picks **65** strawberries each hour. How many does he pick in **3** hours?



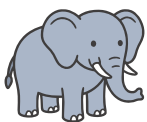
_____ strawberries

4. A penguin swims **58** meters in each lap of the pool. It swims **5** laps. How far does it swim?



_____ meters

5. An elephant eats **75** pounds of food each day. How many pounds does it eat in **6** days?



_____ pounds

6. A toy store has **8** shelves. Each shelf holds **43** teddy bears. How many teddy bears are there?



_____ bears

Multiply 2-Digit by 1-Digit

Count the tens and the ones. Then find the product.

Base-Ten Blocks

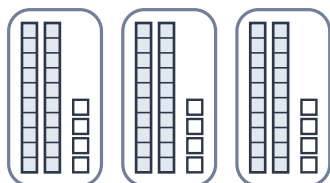


= 1 ten



= 1 one

10 ones = 1 ten

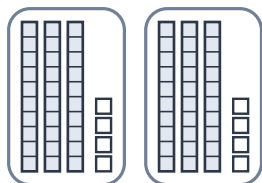


3×24

Example

$$\underline{6} \text{ tens} + \underline{12} \text{ ones} = \underline{72}$$

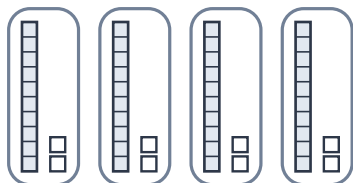
1.



2×34

$$\underline{\quad} \text{ tens} + \underline{\quad} \text{ ones} = \underline{\quad}$$

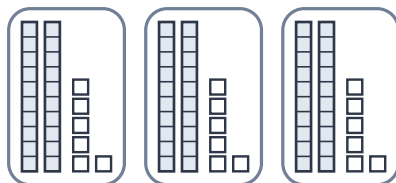
2.



4×12

$$\underline{\quad} \text{ tens} + \underline{\quad} \text{ ones} = \underline{\quad}$$

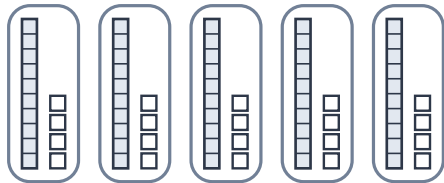
3.



3×26

$$\underline{\quad} \text{ tens} + \underline{\quad} \text{ ones} = \underline{\quad}$$

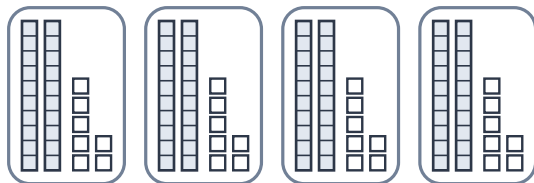
4.



5×14

$$\underline{\quad} \text{ tens} + \underline{\quad} \text{ ones} = \underline{\quad}$$

5.



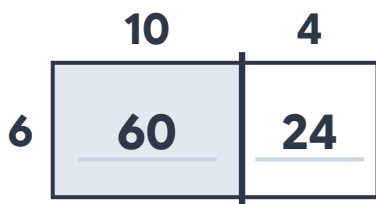
4×27

$$\underline{\quad} \text{ tens} + \underline{\quad} \text{ ones} = \underline{\quad}$$

Multiply 2-Digit by 1-Digit

Multiply the tens part and the ones part. Then add them.

Example



$$14 \times 6 = \underline{60} + \underline{24}$$

$$= \underline{84}$$

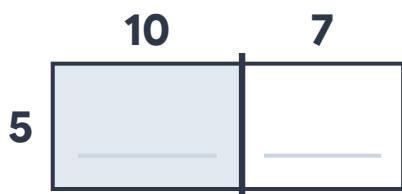
1.



$$32 \times 3 = \underline{\quad} + \underline{\quad}$$

$$= \underline{\quad}$$

2.



$$17 \times 5 = \underline{\quad} + \underline{\quad}$$

$$= \underline{\quad}$$

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$$36 \times 3 = \underline{\quad} + \underline{\quad}$$

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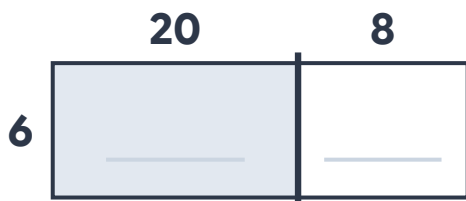
4.



$$42 \times 7 = \underline{\quad} + \underline{\quad}$$

$$= \underline{\quad}$$

5.



$$28 \times 6 = \underline{\quad} + \underline{\quad}$$

$$= \underline{\quad}$$

Multiply 2-Digit by 1-Digit

Multiply the tens, then the ones. Add the partial products.

Example

$$\begin{array}{r}
 47 \\
 \times 3 \\
 \hline
 120 \quad (40 \times 3) \\
 + 21 \quad (7 \times 3) \\
 \hline
 141
 \end{array}$$

$$\begin{array}{r}
 1. \quad 36 \\
 \times 4 \\
 \hline
 \quad \quad \quad (30 \times 4) \\
 + \quad \quad \quad (6 \times 4) \\
 \hline
 \quad \quad \quad
 \end{array}$$

$$\begin{array}{r}
 2. \quad 52 \\
 \times 6 \\
 \hline
 \quad \quad \quad (50 \times 6) \\
 + \quad \quad \quad (2 \times 6) \\
 \hline
 \quad \quad \quad
 \end{array}$$

$$\begin{array}{r}
 3. \quad 28 \\
 \times 7 \\
 \hline
 \quad \quad \quad (20 \times 7) \\
 + \quad \quad \quad (8 \times 7) \\
 \hline
 \quad \quad \quad
 \end{array}$$

$$\begin{array}{r}
 4. \quad 63 \\
 \times 5 \\
 \hline
 \quad \quad \quad (60 \times 5) \\
 + \quad \quad \quad (3 \times 5) \\
 \hline
 \quad \quad \quad
 \end{array}$$

$$\begin{array}{r}
 5. \quad 72 \\
 \times 4 \\
 \hline
 \quad \quad \quad (70 \times 4) \\
 + \quad \quad \quad (2 \times 4) \\
 \hline
 \quad \quad \quad
 \end{array}$$

$$\begin{array}{r}
 6. \quad 45 \\
 \times 8 \\
 \hline
 \quad \quad \quad (40 \times 8) \\
 + \quad \quad \quad (5 \times 8) \\
 \hline
 \quad \quad \quad
 \end{array}$$

$$\begin{array}{r}
 7. \quad 39 \\
 \times 6 \\
 \hline
 \quad \quad \quad (30 \times 6) \\
 + \quad \quad \quad (9 \times 6) \\
 \hline
 \quad \quad \quad
 \end{array}$$

$$\begin{array}{r}
 8. \quad 57 \\
 \times 9 \\
 \hline
 \quad \quad \quad (50 \times 9) \\
 + \quad \quad \quad (7 \times 9) \\
 \hline
 \quad \quad \quad
 \end{array}$$

Multiply 2-Digit by 1-Digit

Multiply. Use any way you like and show your work.

Ways to Multiply



base-ten blocks



area model

$$\begin{array}{r} 120 \\ + 21 \\ \hline 141 \end{array}$$

partial products

1.

$$\begin{array}{r} 58 \\ \times 7 \\ \hline \end{array}$$

2.

$$\begin{array}{r} 83 \\ \times 4 \\ \hline \end{array}$$

3.

$$\begin{array}{r} 26 \\ \times 9 \\ \hline \end{array}$$

4.

$$\begin{array}{r} 91 \\ \times 6 \\ \hline \end{array}$$

5.

$$\begin{array}{r} 47 \\ \times 5 \\ \hline \end{array}$$

6.

$$\begin{array}{r} 65 \\ \times 8 \\ \hline \end{array}$$

7.

$$\begin{array}{r} 34 \\ \times 7 \\ \hline \end{array}$$

8.

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$$\begin{array}{r} 19 \\ \times 4 \\ \hline \end{array}$$

10.

$$\begin{array}{r} 86 \\ \times 3 \\ \hline \end{array}$$

11.

$$\begin{array}{r} 53 \\ \times 6 \\ \hline \end{array}$$

12.

$$\begin{array}{r} 98 \\ \times 2 \\ \hline \end{array}$$

Multiply 2-Digit by 1-Digit

Read each problem. Multiply to solve. Show your work.

1. There are **4** buses. Each bus has **38** children. How many children are on the buses?



_____ children

2. A baker puts **24** cupcakes on each tray. She fills **7** trays. How many cupcakes does she bake?



_____ cupcakes

3. A farmer picks **65** strawberries each hour. How many does he pick in **3** hours?



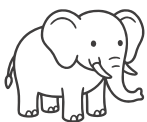
_____ strawberries

4. A penguin swims **58** meters in each lap of the pool. It swims **5** laps. How far does it swim?



_____ meters

5. An elephant eats **75** pounds of food each day. How many pounds does it eat in **6** days?



_____ pounds

6. A toy store has **8** shelves. Each shelf holds **43** teddy bears. How many teddy bears are there?



_____ bears

Multiply 2-Digit by 1-Digit

Count the tens and the ones. Then find the product.

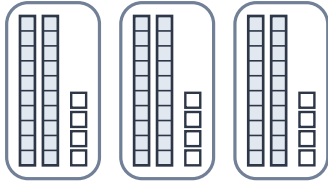
Base-Ten Blocks



= 1 ten

□ = 1 one

10 ones = 1 ten

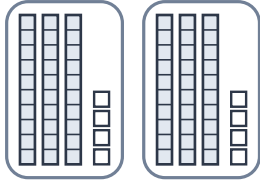


$$3 \times 24$$

Example

$$\underline{6} \text{ tens} + \underline{12} \text{ ones} = \underline{72}$$

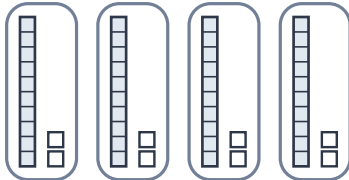
1.



$$2 \times 34$$

$$\underline{6} \text{ tens} + \underline{8} \text{ ones} = \underline{68}$$

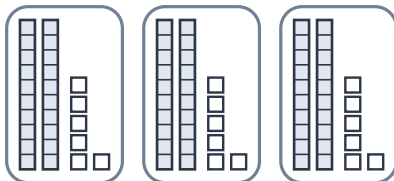
2.



$$4 \times 12$$

$$\underline{4} \text{ tens} + \underline{8} \text{ ones} = \underline{48}$$

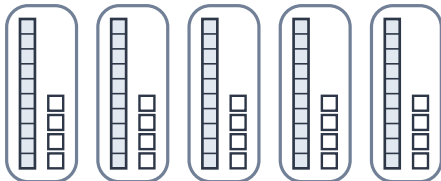
3.



$$3 \times 26$$

$$\underline{6} \text{ tens} + \underline{18} \text{ ones} = \underline{78}$$

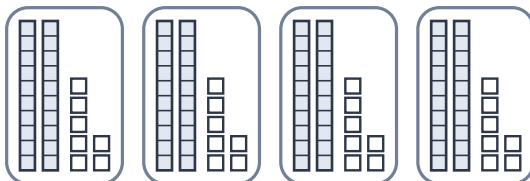
4.



$$5 \times 14$$

$$\underline{5} \text{ tens} + \underline{20} \text{ ones} = \underline{70}$$

5.



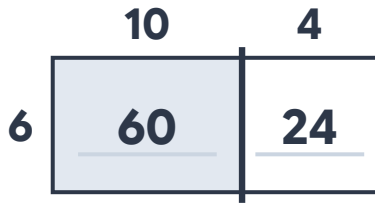
$$4 \times 27$$

$$\underline{8} \text{ tens} + \underline{28} \text{ ones} = \underline{108}$$

Multiply 2-Digit by 1-Digit

Multiply the tens part and the ones part. Then add them.

Example



$$\begin{aligned} 14 \times 6 &= \underline{60} + \underline{24} \\ &= \underline{84} \end{aligned}$$

1.



$$\begin{aligned} 32 \times 3 &= \underline{90} + \underline{6} \\ &= \underline{96} \end{aligned}$$

2.



$$\begin{aligned} 17 \times 5 &= \underline{50} + \underline{35} \\ &= \underline{85} \end{aligned}$$

3.



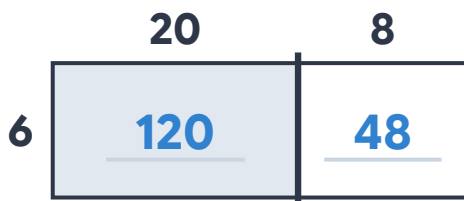
$$\begin{aligned} 36 \times 3 &= \underline{90} + \underline{18} \\ &= \underline{108} \end{aligned}$$

4.



$$\begin{aligned} 42 \times 7 &= \underline{280} + \underline{14} \\ &= \underline{294} \end{aligned}$$

5.



$$\begin{aligned} 28 \times 6 &= \underline{120} + \underline{48} \\ &= \underline{168} \end{aligned}$$

Multiply 2-Digit by 1-Digit

Multiply the tens, then the ones. Add the partial products.

Example

$$\begin{array}{r} 47 \\ \times 3 \\ \hline 120 \quad (40 \times 3) \\ + 21 \quad (7 \times 3) \\ \hline 141 \end{array}$$

$$\begin{array}{r} 1. \quad 36 \\ \times 4 \\ \hline 120 \quad (30 \times 4) \\ + 24 \quad (6 \times 4) \\ \hline 144 \end{array}$$

$$\begin{array}{r} 2. \quad 52 \\ \times 6 \\ \hline 300 \quad (50 \times 6) \\ + 12 \quad (2 \times 6) \\ \hline 312 \end{array}$$

$$\begin{array}{r} 3. \quad 28 \\ \times 7 \\ \hline 140 \quad (20 \times 7) \\ + 56 \quad (8 \times 7) \\ \hline 196 \end{array}$$

$$\begin{array}{r} 4. \quad 63 \\ \times 5 \\ \hline 300 \quad (60 \times 5) \\ + 15 \quad (3 \times 5) \\ \hline 315 \end{array}$$

$$\begin{array}{r} 5. \quad 72 \\ \times 4 \\ \hline 280 \quad (70 \times 4) \\ + 8 \quad (2 \times 4) \\ \hline 288 \end{array}$$

$$\begin{array}{r} 6. \quad 45 \\ \times 8 \\ \hline 320 \quad (40 \times 8) \\ + 40 \quad (5 \times 8) \\ \hline 360 \end{array}$$

$$\begin{array}{r} 7. \quad 39 \\ \times 6 \\ \hline 180 \quad (30 \times 6) \\ + 54 \quad (9 \times 6) \\ \hline 234 \end{array}$$

$$\begin{array}{r} 8. \quad 57 \\ \times 9 \\ \hline 450 \quad (50 \times 9) \\ + 63 \quad (7 \times 9) \\ \hline 513 \end{array}$$

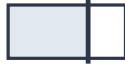
Multiply 2-Digit by 1-Digit

Multiply. Use any way you like and show your work.

Ways to Multiply



base-ten blocks



area model

$$\begin{array}{r} 120 \\ + 21 \\ \hline 141 \end{array}$$

partial products

1.

$$\begin{array}{r} 58 \\ \times 7 \\ \hline 406 \end{array}$$

$$\begin{array}{r} 350 \\ + 56 \\ \hline 406 \end{array}$$

2.

$$\begin{array}{r} 83 \\ \times 4 \\ \hline 332 \end{array}$$

$$\begin{array}{r} 320 \\ + 12 \\ \hline 332 \end{array}$$

3.

$$\begin{array}{r} 26 \\ \times 9 \\ \hline 234 \end{array}$$

$$\begin{array}{r} 180 \\ + 54 \\ \hline 234 \end{array}$$

4.

$$\begin{array}{r} 91 \\ \times 6 \\ \hline 546 \end{array}$$

$$\begin{array}{r} 540 \\ + 6 \\ \hline 546 \end{array}$$

5.

$$\begin{array}{r} 47 \\ \times 5 \\ \hline 235 \end{array}$$

$$\begin{array}{r} 200 \\ + 35 \\ \hline 235 \end{array}$$

6.

$$\begin{array}{r} 65 \\ \times 8 \\ \hline 520 \end{array}$$

$$\begin{array}{r} 480 \\ + 40 \\ \hline 520 \end{array}$$

7.

$$\begin{array}{r} 34 \\ \times 7 \\ \hline 238 \end{array}$$

$$\begin{array}{r} 210 \\ + 28 \\ \hline 238 \end{array}$$

8.

$$\begin{array}{r} 72 \\ \times 9 \\ \hline 648 \end{array}$$

$$\begin{array}{r} 630 \\ + 18 \\ \hline 648 \end{array}$$

9.

$$\begin{array}{r} 19 \\ \times 4 \\ \hline 76 \end{array}$$

$$\begin{array}{r} 40 \\ + 36 \\ \hline 76 \end{array}$$

10.

$$\begin{array}{r} 86 \\ \times 3 \\ \hline 258 \end{array}$$

$$\begin{array}{r} 240 \\ + 18 \\ \hline 258 \end{array}$$

11.

$$\begin{array}{r} 53 \\ \times 6 \\ \hline 318 \end{array}$$

$$\begin{array}{r} 300 \\ + 18 \\ \hline 318 \end{array}$$

12.

$$\begin{array}{r} 98 \\ \times 2 \\ \hline 196 \end{array}$$

$$\begin{array}{r} 180 \\ + 16 \\ \hline 196 \end{array}$$

Multiply 2-Digit by 1-Digit

Read each problem. Multiply to solve. Show your work.

1. There are **4** buses. Each bus has **38** children. How many children are on the buses?

$$4 \times 38 = 152$$

$$120 + 32 = 152$$



152 children

2. A baker puts **24** cupcakes on each tray. She fills **7** trays. How many cupcakes does she bake?

$$7 \times 24 = 168$$

$$140 + 28 = 168$$



168 cupcakes

3. A farmer picks **65** strawberries each hour. How many does he pick in **3** hours?

$$3 \times 65 = 195$$

$$180 + 15 = 195$$



195 strawberries

4. A penguin swims **58** meters in each lap of the pool. It swims **5** laps. How far does it swim?

$$5 \times 58 = 290$$

$$250 + 40 = 290$$



290 meters

5. An elephant eats **75** pounds of food each day. How many pounds does it eat in **6** days?

$$6 \times 75 = 450$$

$$420 + 30 = 450$$



450 pounds

6. A toy store has **8** shelves. Each shelf holds **43** teddy bears. How many teddy bears are there?

$$8 \times 43 = 344$$

$$320 + 24 = 344$$



344 bears