January 25, 2021

Give me 5!

You have 5 minutes to answer these 5 questions.

In the back of your journal, write the date.

Try your best and show all of your working out (making sure your final answer is clear).

If you finish, check your working.

Can you beat your best score?
Can you beat your best time?

January 25, 2021

Give me 5!

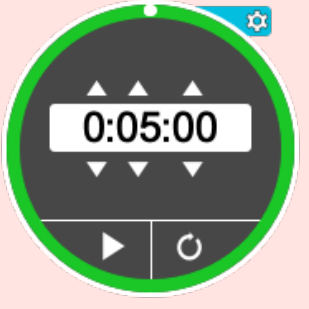
1. 387 + 175 =

2. 334- 100 =

3. 63 ÷ 3 =

4. 42 x 4 =

5. ? x 4 = 24



January 25, 2021

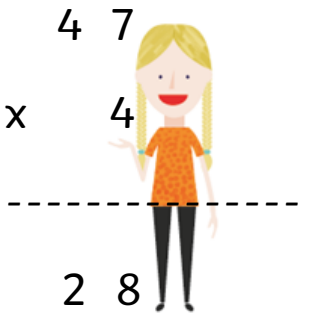
Multiplying with Regrouping

Lesson 5

In Focus

This is how Hannah did 47 × 4.
Is she correct?

	h	t	o
		2	
		4	7
×			4
	1	8	8

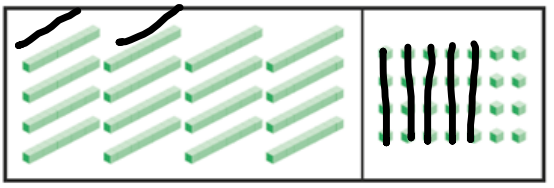


4 7
x 4
---
2 8
1 6 0
---
1 8 8

January 25, 2021

Let's Learn

1 This is 47.



Step 1 Multiply the ones by 4.

7 ones × 4 = 28 ones
28 ones = 2 tens + 8 ones

2 tens

	t	o
	2	
	4	7
×		4
		8

8 ones

Step 2 Multiply the tens by 4.

4 tens × 4 = 16 tens
16 tens + 2 tens = 18 tens

	h	t	o
		2	
		4	7
×			4
	1	8	8

47 × 4 = 188

Hannah is correct.

2 Use Hannah's method to find the product of 23 and 8.

Step 1

	t	o
	2	
	2	3
×		8
		4

T U

2 4

3 ones × 8 = 24 ones
24 ones = 2 tens + 4 ones

Step 2

	h	t	o
		2	
		2	3
×			8
	1	8	4

2 tens × 8 = 16 tens
16 tens + 2 tens = 18 tens

23 × 8 = 184

The product of 23 and 8 is 184.

```
   2 3
x     8
---------
   2 4
1 6 0
--------
1 8 4
```

January 25, 2021

Guided Practice

Multiply.

(a) $39 \times 2 =$ ☐

$$\begin{array}{r} 3\ 9 \\ \times\quad 2 \\ \hline \\ \hline \end{array}$$

(b) $3 \times 25 =$ ☐

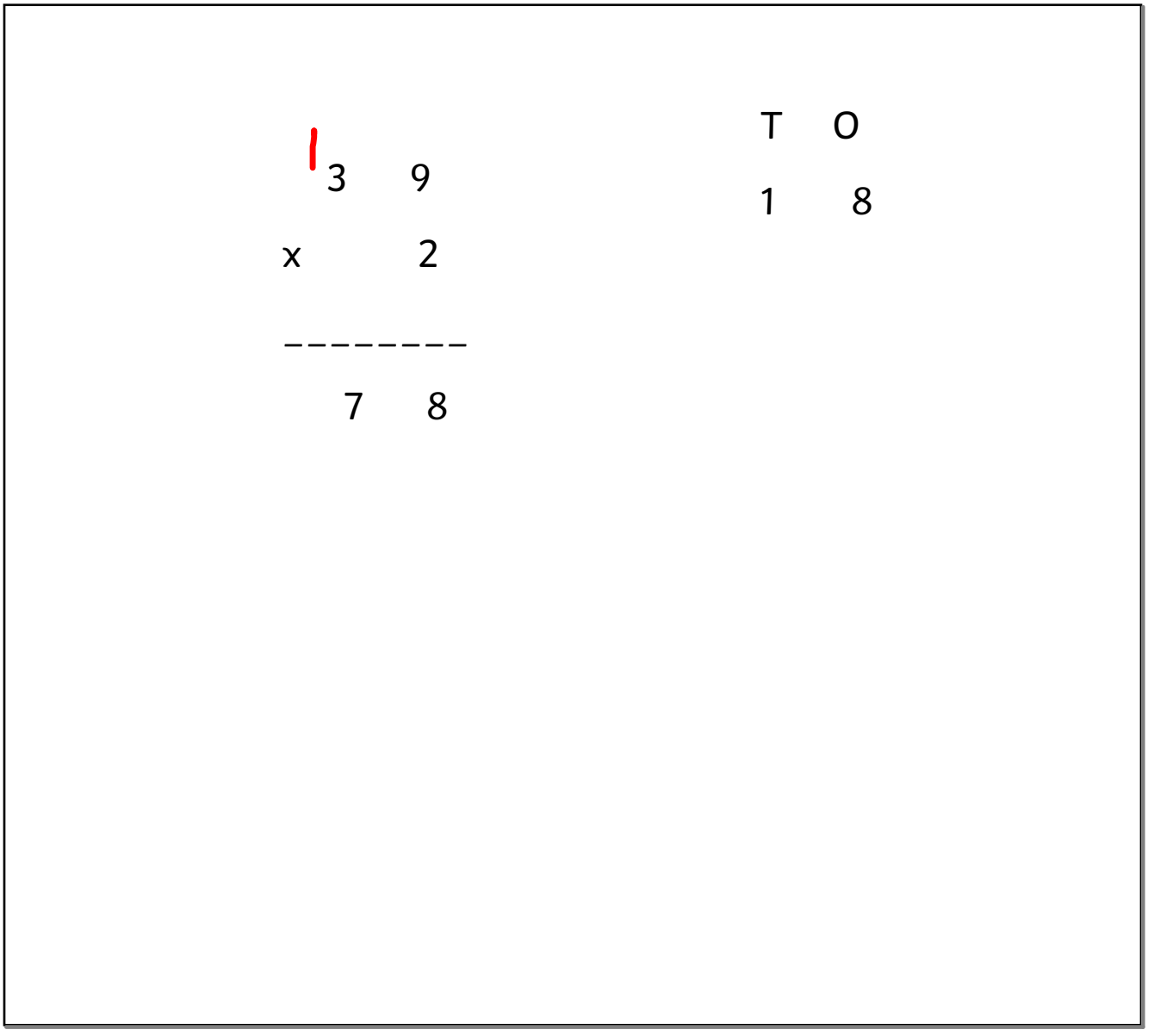
$$\begin{array}{r} 2\ 5 \\ \times\quad 3 \\ \hline \\ \hline \end{array}$$

(c) $4 \times 28 =$ ☐

(d) $27 \times 8 =$ ☐

Complete Worksheet **5** • Page **121**

January 25, 2021



January 25, 2021

Name: _____ Class: ____ Date: _____

Worksheet 5

Multiplying with Regrouping

Fill in the blanks.

(a) 67 × 2 = ☐

	6	7
×		2
☐	☐	☐

(b) 48 × 3 = ☐

	4	8
×		3
☐	☐	☐

(c) 49 × 4 = ☐

	4	9
×		4
☐	☐	☐

(d) 23 × 8 = ☐

	2	3
×		8
☐	☐	☐

(e) 56 × 4 = ☐

	5	6
×		4
☐	☐	☐

(f) 36 × 8 = ☐

	3	6
×		8
☐	☐	☐

Use a column method to calculate the following:

1.) 123 × 3 =

2.) 324 × 4 =

3.) 234 × 8 =

Find the missing digits:

4.)

$$\begin{array}{r} 2\square \\ \times \quad 8 \\ \hline 176 \end{array}$$

5.)

$$\begin{array}{r} 2\square \\ \times \quad\square \\ \hline 112 \end{array}$$

6.)

$$\begin{array}{r} 1\square 4 \\ \times \quad\square \\ \hline 736 \end{array}$$

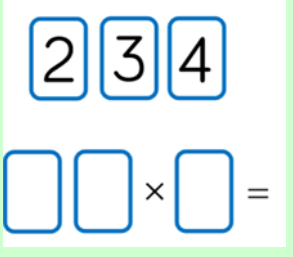
7.) Always, Sometimes, Never?

A two-digit number multiplied by a one-digit number has a two-digit product

8.) Explain the mistake.

H	T	O
	2	7
×		3
6	2	1

9.) How close can you get to 100?
Use each digit card once in the multiplication.



January 25, 2021

ANSWERS

Name: _____ Class: ____ Date: _____

Worksheet 5

Multiplying with Regrouping

Fill in the blanks.

(a) 67 × 2 = 134

$$\begin{array}{r} {}^{1}6\ 7 \\ \times\quad\ 2 \\ \hline 1\ 3\ 4 \end{array}$$

(b) 48 × 3 = 144

$$\begin{array}{r} {}^{2}4\ 8 \\ \times\quad\ 3 \\ \hline 1\ 4\ 4 \end{array}$$

(c) 49 × 4 = 196

$$\begin{array}{r} {}^{3}4\ 9 \\ \times\quad\ 4 \\ \hline 1\ 9\ 6 \end{array}$$

(d) 23 × 8 = 184

$$\begin{array}{r} {}^{2}2\ 3 \\ \times\quad\ 8 \\ \hline 1\ 8\ 4 \end{array}$$

(e) 56 × 4 = 224

$$\begin{array}{r} {}^{2}5\ 6 \\ \times\quad\ 4 \\ \hline 2\ 2\ 4 \end{array}$$

(f) 36 × 8 = 288

$$\begin{array}{r} {}^{4}3\ 6 \\ \times\quad\ 8 \\ \hline 2\ 8\ 8 \end{array}$$

Use a column method to calculate the following:

1.) 123 × 3 = 369

2.) 324 × 4 = 1296

3.) 234 × 8 = 1872

Find the missing digits:

4.)

2	2	
×		8
1	7	6

5.)

2	8	
×		4
1	1	2

6.)

1	8	4
×		4
7	3	6

7.) Always, Sometimes, Never?

A two-digit number multiplied by a one-digit number has a two-digit product

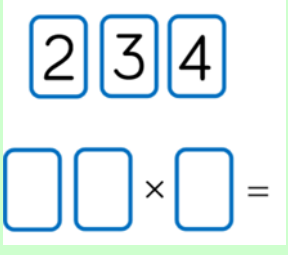
Sometimes.
e.g.
13 × 5 = 65
31 × 5 = 155

8.) Explain the mistake.

H	T	O
	2	7
×		3
6	2	1

They have not performed the exchange correctly.
6 tens and 2 tens should be added together to make 8 tens so the correct answer is 81.

9.) How close can you get to 100?
Use each digit card once in the multiplication.



You can get within 8 of 100
23 × 4 = 92 this is the closest answer.
24 × 3 = 72
32 × 4 = 128
34 × 2 = 68