

1. 
$$\begin{array}{r} \text{T} \quad \text{O} \\ \downarrow \\ 32 \\ \times 2 \\ \hline 66 \end{array}$$
 True  
 False

2. 
$$\begin{array}{r} \text{T} \quad \text{O} \\ \downarrow \\ 23 \\ \times 3 \\ \hline 66 \end{array}$$
 True  
 False

3. 
$$\begin{array}{r} \text{T} \quad \text{O} \\ \downarrow \\ 14 \\ \times 2 \\ \hline 28 \end{array}$$
 True  
 False

4. 
$$\begin{array}{r} \text{T} \quad \text{O} \\ \downarrow \\ 21 \\ \times 4 \\ \hline 65 \end{array}$$
 True  
 False

5. 
$$\begin{array}{r} \text{T} \quad \text{O} \\ \boxed{1} \downarrow \\ 45 \\ \times 2 \\ \hline 92 \end{array}$$
 True  
 False

6. 
$$\begin{array}{r} \text{T} \quad \text{O} \\ \boxed{1} \downarrow \\ 24 \\ \times 3 \\ \hline 57 \end{array}$$
 True  
 False

7. 
$$\begin{array}{r} \text{T} \quad \text{O} \\ \boxed{1} \downarrow \\ 38 \\ \times 2 \\ \hline 76 \end{array}$$
 True  
 False

8. 
$$\begin{array}{r} \text{T} \quad \text{O} \\ \boxed{2} \downarrow \\ 15 \\ \times 4 \\ \hline 50 \end{array}$$
 True  
 False

9. 
$$\begin{array}{r} \text{H} \quad \text{T} \quad \text{O} \\ \boxed{4} \downarrow \\ 59 \\ \times 5 \\ \hline 254 \end{array}$$
 True  
 False

10. 
$$\begin{array}{r} \text{H} \quad \text{T} \quad \text{O} \\ \boxed{5} \downarrow \\ 57 \\ \times 8 \\ \hline 196 \end{array}$$
 True  
 False

11. 
$$\begin{array}{r} \text{H} \quad \text{T} \quad \text{O} \\ \boxed{2} \downarrow \\ 83 \\ \times 7 \\ \hline 561 \end{array}$$
 True  
 False

12. 
$$\begin{array}{r} \text{H} \quad \text{T} \quad \text{O} \\ \boxed{5} \downarrow \\ 45 \\ \times 9 \\ \hline 414 \end{array}$$
 True  
 False

13. Bob bought 17 packages of apple slices for his classmates. There are 4 pieces in each package. Bob bought 68 apple slices in all.

True  
 False

1.

$4r2$

$$5 \overline{)22}$$

2.

$$8 \overline{)17}$$

3.

$$4 \overline{)21}$$

4.

$$6 \overline{)28}$$

5.

$$3 \overline{)23}$$

6.

$$6 \overline{)40}$$

7.

$$33 \div 8 = \underline{\quad}$$

8.

$$9 \div 4 = \underline{\quad}$$

9.

$$28 \div 6 = \underline{\quad}$$

H	T	O
	□	↓
	5	7
×		3
<hr/>		

H	T	O
	□	↓
	8	4
×		5
<hr/>		

H	T	O
	□	↓
	3	8
×		3
<hr/>		

Remember:

**M**ultiply  
**R**egroup  
**M**ultiply  
**A**dd  
**R**egroup  
**C**heck

H	T	O
	□	↓
	7	3
×		4
<hr/>		

H	T	O
	□	↓
	4	9
×		6
<hr/>		

H	T	O
	□	↓
	7	9
×		8
<hr/>		

Remember:

**M**ultiply  
**R**egroup  
**M**ultiply  
**A**dd  
**R**egroup  
**C**heck

H	T	O
	□	↓
	5	5
×		2
<hr/>		

H	T	O
	□	↓
	1	5
×		9
<hr/>		

H	T	O
	□	↓
	8	9
×		7
<hr/>		

Remember:

**M**ultiply  
**R**egroup  
**M**ultiply  
**A**dd  
**R**egroup  
**C**heck

Lynette, Larry, and Lisa each have 89 seashells they collected.  
 How many seashells do they have altogether?

\_\_\_\_\_ seashells

	TTH	TH	H	T	O
	□	□	□	↓	
	3	5	8	5	
x				8	
<hr/>					

	TH	H	T	O
	□	□	□	↓
	2	4	1	9
x				3
<hr/>				

	TTH	TH	H	T	O
	□	□	□	↓	
	5	2	1	0	
x				6	
<hr/>					

	TTH	TH	H	T	O
	□	□	□	↓	
	7	5	2	1	
x				2	
<hr/>					

	TTH	TH	H	T	O
	□	□	□	↓	
	9	3	9	4	
x				9	
<hr/>					

	TTH	TH	H	T	O
	□	□	□	↓	
	8	2	5	3	
x				5	
<hr/>					

	TTH	TH	H	T	O
	□	□	□	↓	
	7	2	3	7	
x				4	
<hr/>					

	TTH	TH	H	T	O
	□	□	□	↓	
	4	1	9	5	
x				3	
<hr/>					

	TTH	TH	H	T	O
	□	□	□	↓	
	5	5	4	2	
x				6	
<hr/>					

In the answer to the last problem, which of the choices is true?

- (A) No regrouping
- (B) 2 in hundreds place
- (C) >40,000
- (D) None

$$\begin{array}{r} \square \\ 7 \overline{)56} \end{array}$$

- Step 1: **E**stimate
- Step 2: **D**ivide
- Step 3: **M**ultiply
- Step 4: **S**ubtract
- Step 5: **C**ompare
- Step 6: **B**ring down

**Remember Every Day My Snake Crawls By**

(Estimate, Divide, Multiply, Subtract, Compare, Bring down)

$$\begin{array}{r} \square \\ 4 \overline{)28} \end{array}$$

- Step 1: **E**stimate
- Step 2: **D**ivide
- Step 3: **M**ultiply
- Step 4: **S**ubtract
- Step 5: **C**ompare
- Step 6: **B**ring down

$$\begin{array}{r} \square \\ 6 \overline{)42} \end{array}$$

- E** estimate \_\_\_\_\_
- D** divide \_\_\_\_\_
- M** multiply \_\_\_\_\_
- S** subtract \_\_\_\_\_
- C** compare \_\_\_\_\_
- B** bring down \_\_\_\_\_

TTH	TH	H	T	O
			↓	
	3	2	4	
	×	9	4	
+				0

TTH	TH	H	T	O
			↓	
	7	2	5	
	×	4	3	
+				0

TTH	TH	H	T	O
			↓	
	9	1	8	
	×	7	4	
+				0

TTH	TH	H	T	O
			↓	
	4	4	7	
	×	5	2	
+				0

TTH	TH	H	T	O
			↓	
	5	3	9	
	×	8	2	
+				0

TTH	TH	H	T	O
			↓	
	8	4	8	
	×	3	2	
+				0

$918 \times 74 = \underline{\hspace{2cm}}$

- (A) 10,098
- (B) 68,932
- (C) 70,032
- (D) none

Problem

$$71 \overline{)326}$$

Problem Estimate

$$40 \overline{)200}$$

Quotient Estimate

$$4$$

$$29 \overline{)240}$$

$$70 \overline{)300}$$

$$6$$

$$42 \overline{)175}$$

$$30 \overline{)200}$$

$$5$$

$$63 \overline{)519}$$

$$60 \overline{)200}$$

$$7$$

$$57 \overline{)190}$$

$$60 \overline{)500}$$

$$3$$

$$87 \overline{)688}$$

$$90 \overline{)700}$$

$$8$$

$$\begin{array}{r} 5998 \\ \times \quad 6 \\ \hline \end{array}$$

$$\begin{array}{r} 7128 \\ \times \quad 7 \\ \hline \end{array}$$

$$\begin{array}{r} 2705 \\ \times \quad 4 \\ \hline \end{array}$$

$$6 \overline{)618}$$

$$8 \overline{)350}$$

$$7 \overline{)829}$$

$$\begin{array}{r} 2823 \\ \times \quad 3 \\ \hline \end{array}$$

$$\begin{array}{r} 5060 \\ \times \quad 5 \\ \hline \end{array}$$

$$\begin{array}{r} 8607 \\ \times \quad 9 \\ \hline \end{array}$$

$$6 \overline{)9766}$$

$$8 \overline{)7794}$$

$$7 \overline{)9476}$$