

Enrichment Packet #6

Due: Monday 10/15

NAME: _____

Name _____

Enrichment

3-7

Picture It!

Visual Thinking

Draw pictures or bar diagrams to help you solve the problems below.

1. Mr. Byfield and Ms. Fuentes both have 24 students in their classes. Half of the students in Mr. Byfield's class are girls. There are 2 more girls in Ms. Fuentes' class than in Mr. Byfield's. How many girls are in Ms. Fuentes' class?

2. There are 12 small containers of milk in a case. Travis has 5 cases of milk in his store. He sold 2 small containers. How many containers does Travis now have?

3. A hotel is 7 stories high. Skyscraper A has 28 more stories than the hotel. Skyscraper B has 3 more stories than Skyscraper A. How many stories does Skyscraper B have?

4. At the fourth-grade craft sale, Karen sold 6 pot holders for \$4 each. Larry made \$5 more than Karen selling bookmarks. How much did Larry make?

Twelve Times Table
Through x12
Version 1

Name: _____

$$\begin{array}{r} 11 \\ \times 12 \\ \hline \end{array}$$

$$\begin{array}{r} 1 \\ \times 12 \\ \hline \end{array}$$

$$\begin{array}{r} 12 \\ \times 10 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ \times 12 \\ \hline \end{array}$$

$$\begin{array}{r} 12 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ \times 12 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ \times 12 \\ \hline \end{array}$$

$$\begin{array}{r} 12 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ \times 12 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ \times 12 \\ \hline \end{array}$$

$$\begin{array}{r} 12 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ \times 12 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ \times 12 \\ \hline \end{array}$$

$$\begin{array}{r} 12 \\ \times 11 \\ \hline \end{array}$$

$$\begin{array}{r} 12 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ \times 12 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ \times 12 \\ \hline \end{array}$$

$$\begin{array}{r} 12 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 12 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 12 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 12 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 12 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 12 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ \times 12 \\ \hline \end{array}$$

$$\begin{array}{r} 12 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 1 \\ \times 12 \\ \hline \end{array}$$

$$\begin{array}{r} 12 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 11 \\ \times 12 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ \times 12 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ \times 12 \\ \hline \end{array}$$

$$\begin{array}{r} 12 \\ \times 1 \\ \hline \end{array}$$

$$\begin{array}{r} 12 \\ \times 12 \\ \hline \end{array}$$

$$\begin{array}{r} 12 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ \times 12 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ \times 12 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ \times 12 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ \times 12 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ \times 12 \\ \hline \end{array}$$

$$\begin{array}{r} 12 \\ \times 1 \\ \hline \end{array}$$

$$\begin{array}{r} 12 \\ \times 11 \\ \hline \end{array}$$

Total: 40

Goal: _____

Complete: _____

Correct: _____

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Math Worksheet 4: Multiplication

1 a. $7 \times \underline{\quad} = 28$

1 b. $12 \times \underline{\quad} = 120$

1 c. $4 \times \underline{\quad} = 16$

2 a. $\underline{\quad} \times 2 = 14$

2 b. $\underline{\quad} \times 12 = 108$

2 c. $\underline{\quad} \times 6 = 24$

3 a. $4 \times \underline{\quad} = 28$

3 b. $6 \times \underline{\quad} = 72$

3 c. $\underline{\quad} \times 5 = 20$

4 a. $10 \times \underline{\quad} = 30$

4 b. $12 \times \underline{\quad} = 96$

4 c. $\underline{\quad} \times 5 = 10$

5 a. $3 \times \underline{\quad} = 30$

5 b. $\underline{\quad} \times 6 = 48$

5 c. $\underline{\quad} \times 11 = 66$

6 a. $\underline{\quad} \times 9 = 18$

6 b. $\underline{\quad} \times 10 = 20$

6 c. $4 \times \underline{\quad} = 32$

7 a. $12 \times \underline{\quad} = 24$

7 b. $8 \times \underline{\quad} = 72$

7 c. $\underline{\quad} \times 3 = 18$

8 a. $9 \times \underline{\quad} = 18$

8 b. $\underline{\quad} \times 7 = 70$

8 c. $9 \times \underline{\quad} = 72$

9 a. $\underline{\quad} \times 10 = 40$

9 b. $10 \times \underline{\quad} = 120$

9 c. $\underline{\quad} \times 7 = 28$

10 a. $10 \times \underline{\quad} = 40$

10 b. $3 \times \underline{\quad} = 36$

10 c. $\underline{\quad} \times 4 = 16$

Answer Key

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Perfect Cubes
Version 1

Name: _____

| | | | | | | | |
|---|--|---|---|---|---|---|---|
| $\begin{array}{r} 2 \\ 2 \\ \times 2 \\ \hline \end{array}$ | $\begin{array}{r} 10 \\ 10 \\ \times 10 \\ \hline \end{array}$ | $\begin{array}{r} 4 \\ 4 \\ \times 4 \\ \hline \end{array}$ | $\begin{array}{r} 8 \\ 8 \\ \times 8 \\ \hline \end{array}$ | $\begin{array}{r} 8 \\ 8 \\ \times 8 \\ \hline \end{array}$ | $\begin{array}{r} 2 \\ 2 \\ \times 2 \\ \hline \end{array}$ | $\begin{array}{r} 3 \\ 3 \\ \times 3 \\ \hline \end{array}$ | $\begin{array}{r} 1 \\ 1 \\ \times 1 \\ \hline \end{array}$ |
|---|--|---|---|---|---|---|---|

| | | | | | | | |
|---|---|---|---|---|--|---|---|
| $\begin{array}{r} 2 \\ 2 \\ \times 2 \\ \hline \end{array}$ | $\begin{array}{r} 5 \\ 5 \\ \times 5 \\ \hline \end{array}$ | $\begin{array}{r} 8 \\ 8 \\ \times 8 \\ \hline \end{array}$ | $\begin{array}{r} 8 \\ 8 \\ \times 8 \\ \hline \end{array}$ | $\begin{array}{r} 5 \\ 5 \\ \times 5 \\ \hline \end{array}$ | $\begin{array}{r} 10 \\ 10 \\ \times 10 \\ \hline \end{array}$ | $\begin{array}{r} 3 \\ 3 \\ \times 3 \\ \hline \end{array}$ | $\begin{array}{r} 2 \\ 2 \\ \times 2 \\ \hline \end{array}$ |
|---|---|---|---|---|--|---|---|

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|---|---|---|---|---|--|---|---|
| $\begin{array}{r} 4 \\ 4 \\ \times 4 \\ \hline \end{array}$ | $\begin{array}{r} 5 \\ 5 \\ \times 5 \\ \hline \end{array}$ | $\begin{array}{r} 4 \\ 4 \\ \times 4 \\ \hline \end{array}$ | $\begin{array}{r} 5 \\ 5 \\ \times 5 \\ \hline \end{array}$ | $\begin{array}{r} 3 \\ 3 \\ \times 3 \\ \hline \end{array}$ | $\begin{array}{r} 10 \\ 10 \\ \times 10 \\ \hline \end{array}$ | $\begin{array}{r} 4 \\ 4 \\ \times 4 \\ \hline \end{array}$ | $\begin{array}{r} 2 \\ 2 \\ \times 2 \\ \hline \end{array}$ |
|---|---|---|---|---|--|---|---|

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| $\begin{array}{r} 2 \\ 2 \\ \times 2 \\ \hline \end{array}$ | $\begin{array}{r} 4 \\ 4 \\ \times 4 \\ \hline \end{array}$ | $\begin{array}{r} 3 \\ 3 \\ \times 3 \\ \hline \end{array}$ | $\begin{array}{r} 1 \\ 1 \\ \times 1 \\ \hline \end{array}$ | $\begin{array}{r} 1 \\ 1 \\ \times 1 \\ \hline \end{array}$ | $\begin{array}{r} 5 \\ 5 \\ \times 5 \\ \hline \end{array}$ | $\begin{array}{r} 5 \\ 5 \\ \times 5 \\ \hline \end{array}$ | $\begin{array}{r} 10 \\ 10 \\ \times 10 \\ \hline \end{array}$ |
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| $\begin{array}{r} 4 \\ 4 \\ \times 4 \\ \hline \end{array}$ | $\begin{array}{r} 8 \\ 8 \\ \times 8 \\ \hline \end{array}$ | $\begin{array}{r} 1 \\ 1 \\ \times 1 \\ \hline \end{array}$ | $\begin{array}{r} 1 \\ 1 \\ \times 1 \\ \hline \end{array}$ | $\begin{array}{r} 8 \\ 8 \\ \times 8 \\ \hline \end{array}$ | $\begin{array}{r} 1 \\ 1 \\ \times 1 \\ \hline \end{array}$ | $\begin{array}{r} 4 \\ 4 \\ \times 4 \\ \hline \end{array}$ | $\begin{array}{r} 2 \\ 2 \\ \times 2 \\ \hline \end{array}$ |
|---|---|---|---|---|---|---|---|

Total: 40

Goal: _____

Complete: _____

Correct: _____

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★ Challenge Page ★

Distributive Property Multiplication (C)

Instructions: Multiply the whole numbers below by using the distributive property. Multiply the tens and ones place values separately and add the products.

$$59 \times 6 = 50 \times 6 + 9 \times 6 = 300 + 54 = 354$$

$$24 \times 4 = \underline{\quad} \times 4 + 4 \times 4 = 80 + 16 = 96$$

$$37 \times 7 = \underline{\quad} \times 7 + \underline{\quad} \times 7 = 210 + 49 = 259$$

$$26 \times 9 = \underline{\quad} \times 9 + \underline{\quad} \times 9 = \underline{\quad} + 54 = 234$$

$$83 \times 6 = \underline{\quad} \times 6 + \underline{\quad} \times 6 = \underline{\quad} + \underline{\quad} = 498$$

$$28 \times 2 = \underline{\quad} \times 2 + \underline{\quad} \times 2 = \underline{\quad} + \underline{\quad} = \underline{\quad}$$

$$55 \times 8 = \underline{\quad} \times \underline{\quad} + \underline{\quad} \times 8 = \underline{\quad} + \underline{\quad} = \underline{\quad}$$

$$85 \times 7 = \underline{\quad} \times \underline{\quad} + \underline{\quad} \times \underline{\quad} = \underline{\quad} + \underline{\quad} = \underline{\quad}$$

$$94 \times 6 = \underline{\quad} \times \underline{\quad} + \underline{\quad} \times \underline{\quad} = \underline{\quad} + \underline{\quad} = \underline{\quad}$$

$$32 \times 2 = \underline{\quad} \times \underline{\quad} + \underline{\quad} \times \underline{\quad} = \underline{\quad} + \underline{\quad} = \underline{\quad}$$

$$36 \times 5 = \underline{\quad} \times \underline{\quad} + \underline{\quad} \times \underline{\quad} = \underline{\quad} + \underline{\quad} = \underline{\quad}$$

$$63 \times 3 = \underline{\quad} \times \underline{\quad} + \underline{\quad} \times \underline{\quad} = \underline{\quad} + \underline{\quad} = \underline{\quad}$$