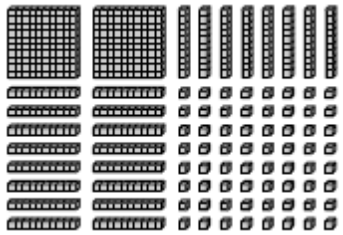
## Try These

**1.** Write the multiplication expression that goes with each model. One expression has no match.

34 × 15 23 × 34 52 × 41 18 × 28 32 × 43

**a)** 

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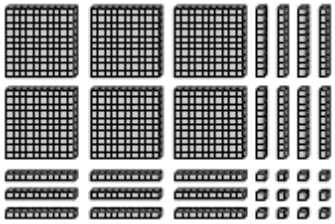
**c)** 

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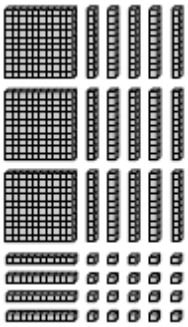
**b)** 

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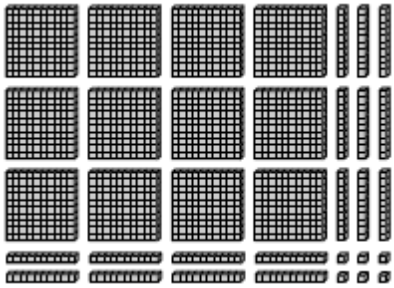
**d)** 

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**2.** Draw a line to match each multiplication expression with a description of how to complete it.

| | |
|---|---|
| 23 × 26 | 30 × 60 + 2 × 60 + 2 × 30 + 2 × 2 |
| 32 × 62 | 30 × 20 + 6 × 30 + 2 × 20 + 2 × 6 |
| 63 × 22 | 20 × 20 + 3 × 20 + 6 × 20 + 3 × 6 |
| 32 × 26 | 20 × 60 + 3 × 20 + 2 × 60 + 3 × 2 |

**3.** Estimate. Your estimates should have 0s in the ones and tens digits.

**a)** 53 × $47 is about _____

**b)** 29 × $37 is about _____

**c)** 62 × $13 is about _____

**d)** 72 × $22 is about

_____

**4.** Calculate the total number. Show your thinking.

**a)** 12 boxes with 15 pencils in each box

**b)** 22 piles with three $5 bills and 1 loonie in each pile

**c)** 14 hours of work earning $14 each hour

**d)** 18 classes with 24 students in each class

**5.** Calculate.

**a)**
$$\begin{array}{r} 43 \\ \times\ 32 \\ \hline \end{array}$$

**c)**
$$\begin{array}{r} 29 \\ \times\ 37 \\ \hline \end{array}$$

**b)**
$$\begin{array}{r} 43 \\ \times\ 61 \\ \hline \end{array}$$

**d)**
$$\begin{array}{r} 17 \\ \times\ 72 \\ \hline \end{array}$$

**6.** Draw a picture or use words to show that $38 \times 25 = 19 \times 50$.

**7.** Omar multiplied 2 two-digit numbers and got a product close to 2500. What numbers might he have multiplied? Show 2 solutions.

**8.** **a)** Use the digits 1, 5, 7, and 9 in the blanks to create the greatest product you can. Calculate the product.

☐☐ × ☐☐ = _____

**b)** Use the digits 1, 5, 7, and 9 in the blanks to create the least product you can. Calculate the product.

☐☐ × ☐☐ = _____

**FYI**

It is a good idea to understand that you can break up numbers in different ways to multiply them.