6 and 7 as Factors

You can use multiplication facts that you already know to find other multiplication facts.

You can use a 3s fact to find a 6s fact. Find the 3s fact and then add the product to itself.

Find 6×9.

a. Find the 3s fact with 9: $3 \times 9 = 27$.

b. Add the product to itself: $27 + 27 = 54$.

You can use a 2s and a 5s fact to find a 7s fact.

Find 7×5.

a. Find the 2s fact with 5: $2 \times 5 = 10$.

b. Find the 5s fact with 5: $5 \times 5 = 25$.

c. Add the products: $10 + 25 = 35$.

Find each product.

1. 2×7 **2.** 6×7 **3.** 7×9 **4.** 6×4 **5.** 6×8

_____   _____   _____   _____   _____

6. 7×7 **7.** 6×2 **8.** 8×7 **9.** 3×7 **10.** 6×6

_____   _____   _____   _____   _____

11. $\begin{array}{r} 5 \\ \times\ 6 \\ \hline \end{array}$ **12.** $\begin{array}{r} 7 \\ \times\ 4 \\ \hline \end{array}$ **13.** $\begin{array}{r} 6 \\ \times\ 9 \\ \hline \end{array}$ **14.** $\begin{array}{r} 7 \\ \times\ 3 \\ \hline \end{array}$ **15.** $\begin{array}{r} 7 \\ \times\ 6 \\ \hline \end{array}$

16. Construct Arguments Harold says, "To find 6×8, I can use the facts for 5×4 and 1×4." Do you agree? Explain.

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