

Unit 9 Math Review: The Multiplication Key to Division

Section 1: Bronze Challenge



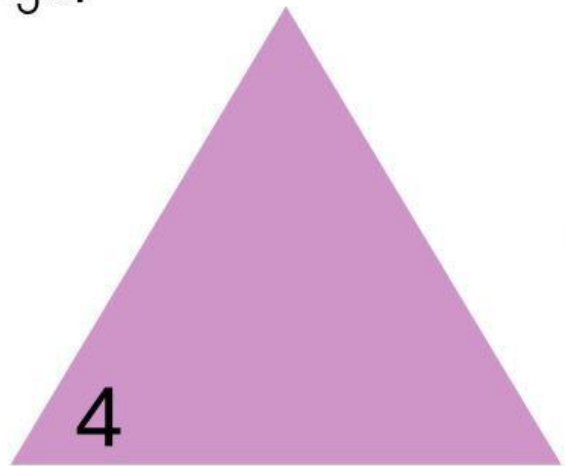
1. Look at the array of 12 stars.
Write the 4 family facts
and complete the fact triangle:

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

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

c. $\underline{\quad} \div 4 = \underline{\quad}$

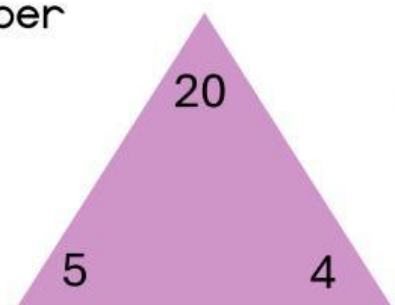
d. $\underline{\quad} \div \underline{\quad} = 4$



2. You have 20 dates in 4 equal groups. What is the multiplication equation can you write?

$4 \times \underline{\quad} = \underline{\quad}$

3. In the fact family, which number is the **dividend** that starts the division sentence?



Section 2: Silver Challenge



4. To solve $24 \div 3 = ?$, which multiplication equation can you use? Choose the correct answer

a. $3 \times 6 = 18$
b. $3 \times 8 = 24$
c. $3 \times 10 = 30$

5. Draw a line to match the division problem to its Multiplication equation.

a. $30 \div 5 = 6$ ☒

☐ $5 \times 8 = 40$

b. $18 \div 2 = 9$ ☒

☐ $5 \times 6 = 30$

c. $40 \div 8 = 5$ ☒

☐ $2 \times 9 = 18$

6. What number makes the equation true? Write a related multiplication equation to help you.

a. $24 \div 6 = \underline{\hspace{2cm}}$

b. $40 \div 8 = \underline{\hspace{2cm}}$

$6 \times \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$

$8 \times \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$

Section 3: Gold Challenge



7. A merchant has **42 lanterns**. He puts them into **6 equal rows**. How many lanterns are in each row?

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

b. $\underline{\quad} \div 6 = \underline{\quad}$

8. A farmer has **40 dates**. He wants to put them into **5 equal bags** to give to his neighbors. How many dates go in each bag?

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

b. $\underline{\quad} \div 5 = \underline{\quad}$

9. In science class, there are **24 magnifying glasses**. If each group needs **3 glasses**, how many groups can have them?

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

b. $\underline{\quad} \div \underline{\quad} = 3$