

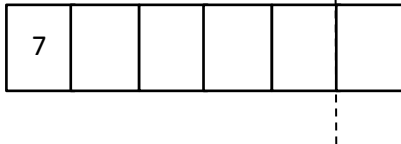
Name: _____ Date: _____

1. Label the tape diagrams. Then fill in the blanks below to make the statements true.

a. $6 \times 7 = \underline{\hspace{2cm}}$

$(5 \times 7) = \underline{\hspace{2cm}}$

$(\underline{\hspace{1cm}} \times 7) = \underline{\hspace{2cm}}$

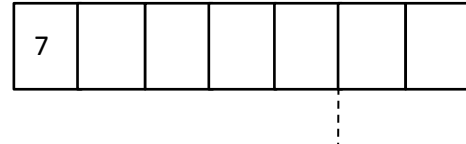


$$\begin{aligned}
 (6 \times 7) &= (5 + 1) \times 7 \\
 &= (5 \times 7) + (1 \times 7) \\
 &= \underline{35} + \underline{\hspace{1cm}} \\
 &= \underline{\hspace{2cm}}
 \end{aligned}$$

b. $7 \times 7 = \underline{\hspace{2cm}}$

$(5 \times 7) = \underline{\hspace{2cm}}$

$(\underline{\hspace{1cm}} \times 7) = \underline{\hspace{2cm}}$

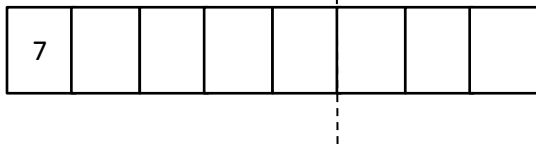


$$\begin{aligned}
 (7 \times 7) &= (5 + 2) \times 7 \\
 &= (5 \times 7) + (2 \times 7) \\
 &= \underline{35} + \underline{\hspace{1cm}} \\
 &= \underline{\hspace{2cm}}
 \end{aligned}$$

c. $8 \times 7 = \underline{\hspace{2cm}}$

$(5 \times 7) = \underline{\hspace{2cm}}$

$(\underline{\hspace{1cm}} \times 7) = \underline{\hspace{2cm}}$

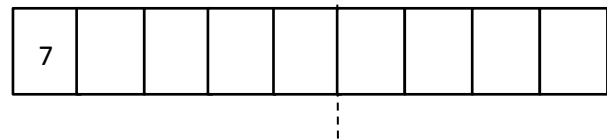


$$\begin{aligned}
 8 \times 7 &= (5 + \underline{\hspace{1cm}}) \times 7 \\
 &= (5 \times 7) + (\underline{\hspace{1cm}} \times 7) \\
 &= \underline{35} + \underline{\hspace{1cm}} \\
 &= \underline{\hspace{2cm}}
 \end{aligned}$$

d. $9 \times 7 = \underline{\hspace{2cm}}$

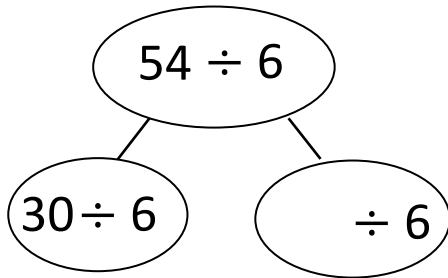
$(5 \times 7) = \underline{\hspace{2cm}}$

$(\underline{\hspace{1cm}} \times 7) = \underline{\hspace{2cm}}$



$$\begin{aligned}
 9 \times 7 &= (5 + \underline{\hspace{1cm}}) \times 7 \\
 &= (5 \times 7) + (\underline{\hspace{1cm}} \times 7) \\
 &= \underline{35} + \underline{\hspace{1cm}} \\
 &= \underline{\hspace{2cm}}
 \end{aligned}$$

2. Break apart 54 to solve $54 \div 6$.

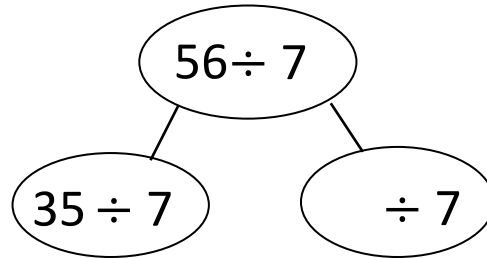


$$54 \div 6 = (30 \div 6) + (\underline{\hspace{2cm}} \div 6)$$

$$= 5 + \underline{\hspace{2cm}}$$

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

3. Break apart 56 to solve $56 \div 7$.



$$56 \div 7 = (\underline{\hspace{1cm}} \div \underline{\hspace{1cm}}) + (\underline{\hspace{1cm}} \div \underline{\hspace{1cm}})$$

$$= 5 + \underline{\hspace{2cm}}$$

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

4. Forty-two third grade students sit in 6 equal rows in the auditorium. How many students sit in each row?
Show your thinking.

5. Ronaldo solves 7×6 by thinking of it as $(5 \times 7) + 7$. Is he correct? Explain Ronaldo's strategy.