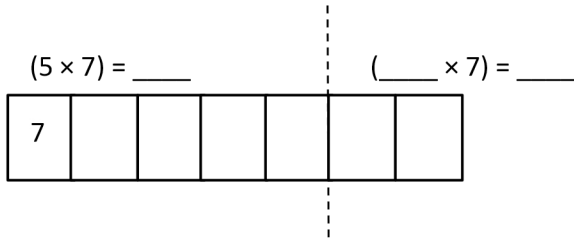


Name _____

Date _____

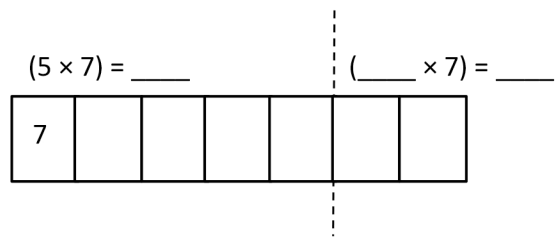
1. Label the tape diagrams. Then, fill in the blanks below to make the statements true.

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



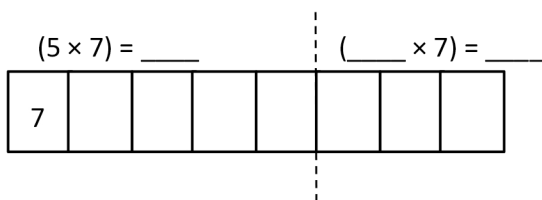
$$\begin{aligned}
 (6 \times 7) &= (5 + 1) \times 7 \\
 &= (5 \times 7) + (1 \times 7) \\
 &= \underline{35} + \underline{\hspace{2cm}} \\
 &= \underline{\hspace{2cm}}
 \end{aligned}$$

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



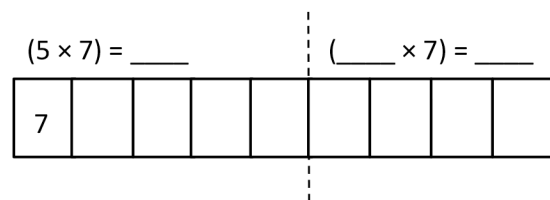
$$\begin{aligned}
 (7 \times 7) &= (5 + 2) \times 7 \\
 &= (5 \times 7) + (2 \times 7) \\
 &= \underline{35} + \underline{\hspace{2cm}} \\
 &= \underline{\hspace{2cm}}
 \end{aligned}$$

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



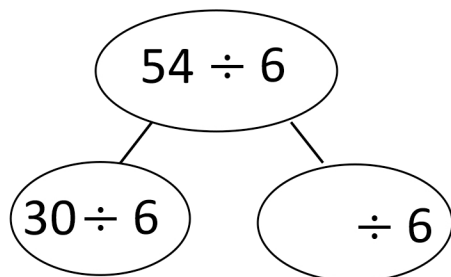
$$\begin{aligned}
 8 \times 7 &= (5 + \underline{\hspace{1cm}}) \times 7 \\
 &= (5 \times 7) + (\underline{\hspace{1cm}} \times 7) \\
 &= \underline{35} + \underline{\hspace{2cm}} \\
 &= \underline{\hspace{2cm}}
 \end{aligned}$$

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



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

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

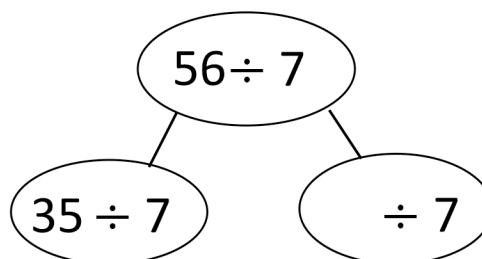


$$54 \div 6 = (30 \div 6) + (\underline{\hspace{2cm}} \div 6)$$

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

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

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.

Answer Key

1.
 - a. Tape diagrams accurately labeled; 42; 35; 1, 7; 7, 42
 - b. Tape diagrams accurately labeled; 49; 35; 2, 14; 14, 49
 - c. Tape diagrams accurately labeled; 56; 35; 3, 21; 3; 3; 21; 56
 - d. Tape diagrams accurately labeled; 63; 35; 4, 28; 4; 4; 28; 63
2. 24; 24; 4; 9
3. 21; 35, 7; 21, 7; 3; 8
4. 7; explanations will vary.
5. Yes; explanations will vary.