Name _____   Date _____

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

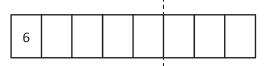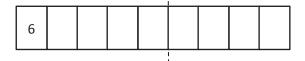a. **6 × 6** = _____

(5 × 6) = _____   (_____ × 6) = _____

6					

> **(6 × 6)** = (5 + 1) × 6
>
> = (5 × 6) + (1 × 6)
>
> = __30__ + _____
>
> = _____

b. **7 × 6** = _____

(5 × 6) = _____   (_____ × 6) = _____

6						

> **(7 × 6)** = (5 + 2) × 6
>
> = (5 × 6) + (2 × 6)
>
> = __30__ + _____
>
> = _____

c. **8 × 6** = _____

(5 × 6) = _____   (_____ × 6) = _____

6							

> **8 × 6** = (5 + _____) × 6
>
> = (5 × 6) + (_____ × 6)
>
> = __30__ + _____
>
> = _____

d. **9 × 6** = _____

(5 × 6) = _____   (_____ × 6) = _____

6								

> **9 × 6** = (5 + _____) × 6
>
> = (5 × 6) + (_____ × 6)
>
> = __30__ + _____
>
> = _____

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2. Break apart 54 to solve 54 ÷ 6.

$54 \div 6$

$30 \div 6$ $24 \div 6$

54 ÷ 6 = (30 ÷ 6) + (_____ ÷ 6)

= 5 + _____

= _____

3. Break apart 49 to solve 49 ÷ 7.

$49 \div 7$

$35 \div 7$

49 ÷ 7 = (35 ÷ 7) + (_____ ÷ 7)

= 5 + _____

= _____

4. Robert says that he can solve 6 × 8 by thinking of it as (5 × 8) + 8. Is he right? Draw a picture to help explain your answer.

5. Kelly solves 42 ÷ 7 by using a number bond to break apart 42 into two parts. Show what her work might look like below.

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