## Unit 2 Lesson 6: Relate Division and Multiplication

### WU Number Talk: Multiply and Divide (Warm up)

#### Student Task Statement

Find the value of each expression mentally.

* $3×\frac{1}{2}$
* $3×\frac{2}{2}$
* $3×\frac{3}{2}$
* $5×\frac{3}{2}$

### 1 The Race

#### Student Task Statement



1. Lin and Han ran a 3 mile relay race as a team. They each ran the same distance. Draw a diagram to represent the situation.
2. Take turns describing to your partner how your diagrams represent the situation.
3. How far did each person run?

### 2 Where Do You See It?

#### Student Task Statement

Diagram A

Diagram B

For each expression, choose one of the diagrams and describe how the diagram represents the expression. Be prepared to explain why you chose that diagram.

1. $3×\frac{1}{2}$
2. $3÷2$
3. $\frac{1}{2}×3$



© CC BY 2021 Illustrative Mathematics®