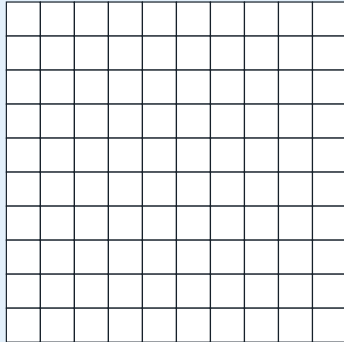


TURN 2:3 INTO FRACTION AND PERCENT

- 1 Add the parts: 2 plus 3 makes 5 total parts.
- 2 The first part is 2 out of 5 so the fraction is $\frac{2}{5}$.
- 3 To find the percent multiply $\frac{2}{5}$ by 100 to get 40%.

WARM-UP

Shade the hundred square to show each ratio as a percent.



1. Shade 25 squares to show the 1:3 family walking ratio
2. Shade 40 squares to show the 2:3 group pet ratio
3. Shade 30 squares to show the 3:7 cousin visit ratio

PRACTICE

- 1 In a family 1 child cycles to school for every 9 who take the bus.

What fraction and percent is the first part in a 1:9 ratio?

- 2 Among friends 1 prefers apples for every 4 who choose bananas.

What fraction and percent is the first part in a 1:4 ratio?

- 3 In the group 8 like dogs for every 2 who like cats.

What fraction and percent is the first part in a 8:2 ratio?

- 4 At the party 4 drink juice for every 6 who drink water.

What fraction and percent is the first part in a 4:6 ratio?

- 5 Among the relatives 5 sing for every 5 who dance.

What fraction and percent is the first part in a 5:5 ratio?

? ALWAYS, SOMETIMES, NEVER

Always, sometimes or never true? Write A, S or N.

- a. When a class of boys and girls is in the ratio 2:3, there are 5 parts in the whole class.
- b. In a 1:3 ratio, the first part is 25% of the whole.
- c. The first part in a 2:3 ratio is more than half of the whole.
- d. In a 3:2 ratio, the first part is less than half of the whole.