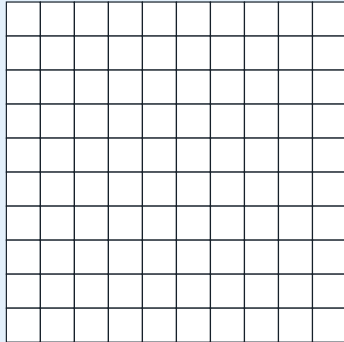


**CHANGE 35% TO FRACTION AND DECIMAL**

- 1 Write 35% as 35 out of 100, so the fraction is  $\frac{35}{100}$ .
- 2 Divide top and bottom by 5 to simplify:  $\frac{7}{20}$ .
- 3 Divide 35 by 100 to get the decimal: 0.35.

**WARM-UP**

Shade the hundred square to show the percentages.



1. Shade 20 squares for the 20% off apples.
2. Shade 50 squares for the 50% off bananas.
3. Shade 75 squares for the 75% of cakes sold.

**PRACTICE**

- 1 A shop has 20% off all apples. Write 20% as a fraction over 100, simplify it, and as a decimal.
- 2 Bananas are 50% off in the sale. Write 50% as a fraction over 100, simplify it, and as a decimal.
- 3 40% of the bread loaves are on sale. Write 40% as a fraction over 100, simplify it, and as a decimal.
- 4 75% of the cakes are sold. Write 75% as a fraction over 100, simplify it, and as a decimal.
- 5 There is 35% off the milk. Write 35% as a fraction over 100, simplify it, and as a decimal.

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**? ALWAYS, SOMETIMES, NEVER**

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

- |                                                                                 |                                                                                                 |
|---------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|
| a. Every percentage can be written as a fraction over 100. <input type="text"/> | c. A percentage simplifies to a fraction with a denominator less than 100. <input type="text"/> |
| b. 25% equals the decimal 0.25. <input type="text"/>                            | d. 75% of a pizza is more than three quarters of it. <input type="text"/>                       |