

## Reason with Shapes and Attributes, D

Student

Teacher

Analyze the pattern in the bar. Circle the icon for x, y, or z that belongs in the pattern of icons in the bar.

$y =$  ▲ ♥ ◆ ★ ▲ ♥  
 $z =$  ◆ ▲ ■ ◆ ▨ ◆

▲ ◆ ▲ ◆ z ◆ ▲ ◆ ▲ y ▲ ◆

$x =$  ♥ ★ ◆ ▲ ▲ ◆  
 $y =$  ★ ♥ ♥ ★ ★ ◆

♥ ◆ ★ ♥ y ★ x y ★ x ◆ ★

$x =$  ★ ♥ ♥ ▨ ■ ●  
 $y =$  ▨ ★ ★ ● ♥ ▲

x y ▨ ● ▲ ▨ x y ▨ ● y ▨

$x =$  ★ ▨ ■ ■ ♥ ◆  
 $y =$  ★ ▲ ♥ ★ ♥ ▨

♥ ★ ♥ ★ y ★ ♥ ★ ♥ ★ ♥ x

$x =$  ♥ ♥ ◆ ♥ ★ ■  
 $z =$  ♥ ● ★ ★ ■ ◆

♥ ♥ z ■ ♥ ♥ x ♥ ♥ z x

$x =$  ● ■ ★ ▲ ★ ◆  
 $y =$  ◆ ★ ● ● ★ ◆

★ ◆ ● ★ ◆ y ★ ◆ ● ★ x ●

$x =$  ▲ ★ ♥ ▲ ■ ■  
 $y =$  ★ ● ★ ♥ ▲ ★

▲ ★ y ★ ▲ ★ ▲ x ▲ ★ ▲ ★

$x =$  ▲ ★ ♥ ★ ● ▲  
 $y =$  ♥ ★ ● ▨ ★ ▲

▲ ★ ● ▲ y x ▲ y x ▲ y ●