

Name:

Date:

- 1: Standard(s): [2.1.11.A](#), [2.1.11.B](#), [2.1.A1.A](#), [2.1.A1.D](#), [2.1.G.A](#), [2.2.A1.C](#), [A1.1.1.1.1](#), [A1.1.1.1.2](#), [A1.1.1.3.1](#), [A1.1.1.4.1](#), [CC.2.1.HS.F.1](#), [CC.2.1.HS.F.2](#), [CC.2.2.HS.D.1](#), [CC.2.2.HS.D.2](#), [CC.2.2.HS.D.3](#), [CC.2.2.HS.D.5](#), [CC.2.2.HS.D.6](#), [CC.2.2.HS.D.9](#)

Which number is irrational?

- (1) $\sqrt{9}$ (3) 0.3333
 (2) $\sqrt{8}$ (4) $\frac{2}{3}$

Answer:

2

Point Value:

2

- 2: Which equation illustrates the associative property of addition?

- (1) $x + y = y + x$ (3) $(3 + x) + y = 3 + (x + y)$
 (2) $3(x + 2) = 3x + 6$ (4) $3 + x = 0$

Answer:

3

Point Value:

2

- 3: The expression $8^{-4} \cdot 8^6$ is equivalent to

- (1) 8^{-24} (3) 8^2
 (2) 8^{-2} (4) 8^{10}

Answer:

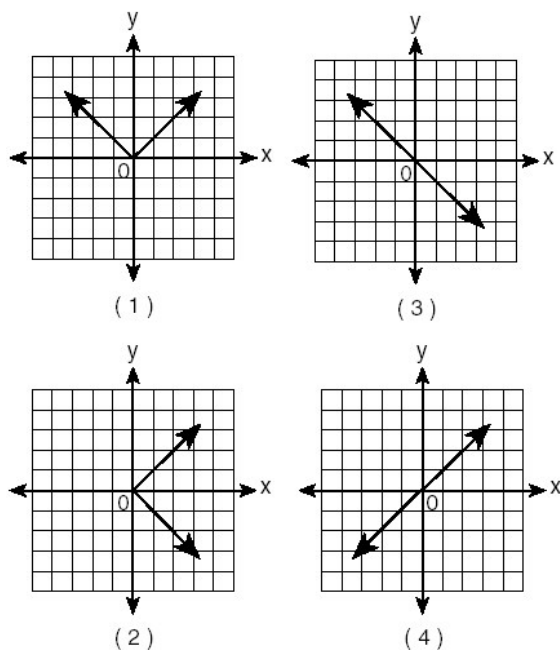
3

Point Value:

2

- 4: Standard(s): [2.8.A1.D](#), [A1.2.1.1.2](#), [A1.2.1.1.3](#), [A1.2.1.2.1](#), [A1.2.1.2.2](#), [A1.2.2.1.4](#), [CC.2.2.HS.C.1](#), [CC.2.2.HS.C.2](#), [CC.2.2.HS.C.3](#), [CC.2.2.HS.C.4](#), [CC.2.2.HS.C.5](#), [CC.2.2.HS.C.6](#), [CC.2.4.HS.B.2](#)

Which graph is symmetric with respect to the y -axis?



Answer:

1

Point Value:

2

- 5: Standard(s): [2.2.A1.C](#), [2.3.A1.F](#), [2.9.A1.A](#), [2.9.A2.A](#), [2.11.A1.B](#), [A1.1.1.3.1](#), [A1.1.1.4.1](#), [A1.2.2.1.1](#), [CC.2.1.HS.F.1](#), [CC.2.1.HS.F.2](#), [CC.2.2.HS.C.1](#), [CC.2.2.HS.C.3](#), [CC.2.2.HS.C.5](#), [CC.2.2.HS.D.1](#), [CC.2.2.HS.D.2](#), [CC.2.2.HS.D.3](#), [CC.2.2.HS.D.5](#), [CC.2.2.HS.D.6](#), [CC.2.2.HS.D.9](#), [CC.2.4.HS.B.3](#)

An equation of the line that has a slope of 3 and a y -intercept of -2 is

(1) $x = 3y - 2$

(3) $y = -\frac{2}{3}x$

(2) $y = 3x - 2$

(4) $y = -2x + 3$

Answer:

2

Point Value:

2