

- 1 Which property of real numbers is illustrated by the equation $52 + (27 + 36) = (52 + 27) + 36$?
 010924a (1) commutative property (3) distributive property
 (2) associative property (4) identity property of addition
- 2 Which property is illustrated by the equation $4x(2x - 1) = 8x^2 - 4x$?
 080806a (1) associative (3) distributive
 (2) commutative (4) identity
- 3 The statement $2 + 0 = 2$ is an example of the use of which property of real numbers?
 080802ia (1) associative (3) additive inverse
 (2) additive identity (4) distributive
- 4 Which property is illustrated by the equation $6 + (4 + x) = 6 + (x + 4)$?
 060827a (1) associative property of addition
 (2) associative property of multiplication
 (3) distributive property
 (4) commutative property of addition
- 5 Which property is represented by the statement $\frac{1}{2}(6a + 4b) = 3a + 2b$?
 010812a (1) commutative (3) associative
 (2) distributive (4) identity
- 6 Which property is illustrated by the equation $ax + ay = a(x + y)$?
 fall0705ia (1) associative (3) distributive
 (2) commutative (4) identity
- 7 Which property is illustrated by the equation $\frac{3}{2}x + 0 = \frac{3}{2}x$?
 060714a (1) commutative property of addition
 (2) distributive property
 (3) additive inverse property
 (4) additive identity property
- 8 If M and A represent integers, $M + A = A + M$ is an example of which property?
 010720a (1) commutative (3) distributive
 (2) associative (4) closure