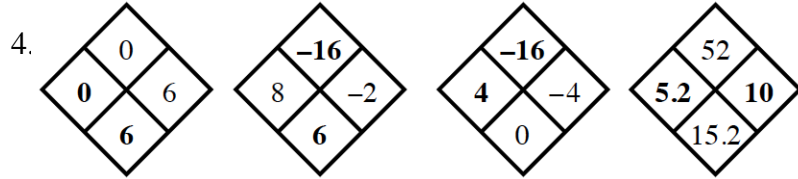


Pre-Algebra Set 22 Answers

1. a) (2, 3)    b)  $(3\frac{1}{2}, 8)$     c)  $(4, 1\frac{1}{2})$     d)  $(5\frac{1}{2}, 4\frac{1}{2})$     e) (8, 8)

2. Scale factor =  $\frac{3}{2}$ ,  $x = 26\frac{2}{3}$ ,  $y = 81$ ,  $z = 22\frac{1}{2}$

3. a) \$27    b) 55%, \$33



5. C

6. a)  $7.75 \text{ cm}^2$     b)  $13.75 \text{ cm}^2$

7. a)  $\frac{1}{3}$     b)  $\frac{3}{4}$     c) Lose a turn more likely. *Why?*

8. \$53.33

9. a) 66 blocks    b) 11 blocks

10. 72.5%

11. a)  $\frac{8}{20}$     b) 1    c)  $\frac{9}{20}$

12. a) -4000    b) 160,000    c) 58    d) 20

13. a)  $104 \text{ m}^2$     b)  $252 \text{ m}^2$