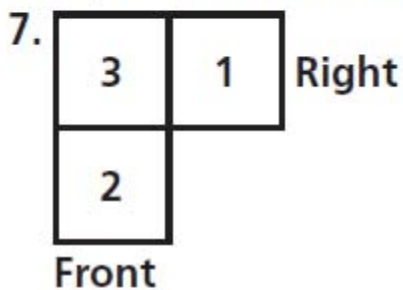


Quarter 1 Test, Form D

1. 21, 25 2. scalene triangle 3. $36\pi \text{ m}^2$ 4. A 5. 5 6. 9



8. 138 9. 46 10. C 11. 40 cm 12. \overline{BF} 13. $10\pi \text{ m}$
14. 120 15. $(-2, 4)$ 16. $\frac{1}{2}$ 17. B 18. 5 19. 45 20. 90
21. 60 22. 85 23. hypothesis: two angles have a sum of 180° ; conclusion: the angles are supplementary angles
24. G 25. D

Quarter 2 Test, Form D

1. \overline{XZ} 2. 4 3. D 4. 55 5. $x = 85, y = 60$ 6. J
7. $\angle C, \angle A, \angle B$ 8. $m\angle 1 = 54.5, m\angle 2 = 54.5, m\angle 3 = 71$
9. D 10. C 11. B 12. E 13. 55 14. 56 15. H
16. $m\angle 1 = 55, m\angle 2 = 45, m\angle 3 = 45$, 17. $m\angle 1 = 25,$
 $m\angle 2 = 25, m\angle 3 = 130$ 18. A 19. parallelogram,
rectangle, square, rhombus 20. 164 21. $\angle B \cong \angle D$
22. altitude 23. 33