


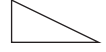








Count each individual answer as a separate point. The total for the test is 83 points. The student should achieve a score of 59 or more points to be ready to begin sixth grade. Be sure to note the areas of weakness even for those who score over 59 points.

1. 1. Rhombus - 
2. Square - 
3. Equilateral Triangle - 
4. Scalene - 
5. Isosceles - 
6. Pentagon - 
7. Hexagon - 
8. Chord - 
9. Octagon - 
10. Prism - 

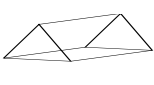


2. 1. 18 cm^2
2. 12 cm^2
3. Front $\frac{18 \text{ cm}^2}{2} \times 2 = 36 \text{ cm}^2$
- Top $\frac{24 \text{ cm}^2}{2} \times 2 = 48 \text{ cm}^2$
- Side $\frac{12 \text{ cm}^2}{2} \times 2 = 24 \text{ cm}^2$
- Total 108 cm^2

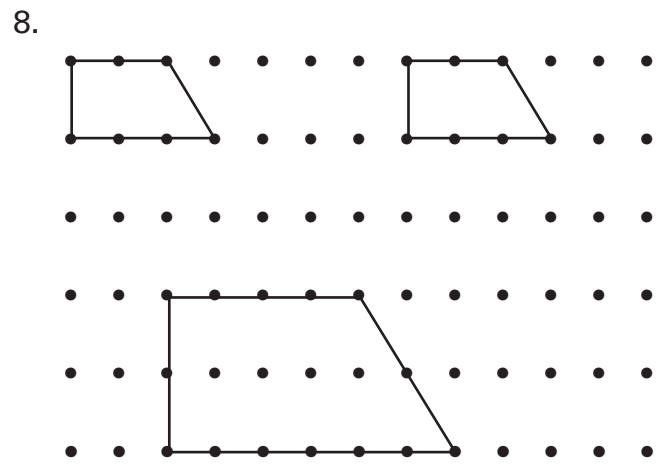
3. $\frac{15}{16}$ $2\frac{5}{8}$ $6\frac{8}{9}$ $14\frac{17}{24}$
- $20\frac{26}{21} = 21\frac{5}{21}$ $17\frac{10}{8} = 18\frac{2}{8} = 18\frac{1}{4}$
- $102\frac{67}{40} = 103\frac{27}{40}$
- $128\frac{12}{9} = 129\frac{3}{9} = 129\frac{1}{3}$

4. 21 9 20 36
5. $\frac{12}{35}$ $\frac{25}{96}$ $\frac{28}{27} = 1\frac{1}{27}$ $\frac{55}{8} = 6\frac{7}{8}$
- $\frac{7}{12}$ $\frac{6}{5} = 1\frac{1}{5}$ $\frac{18}{2} = 9$ $\frac{4}{45}$

6. 1. \overline{XY}
2. \overline{AB}
3. \overline{TX} or \overline{TY}
4. 3 cm

7.

			
Name of Figure	Triangular prism	Hexagonal pyramid	cube
Faces	5	7	6
Edges	9	12	12
Vertices	6	7	8



9. 53.4 2.43 0.66 54.18 30.66
10. 29.13 116.11 31.56 24.475

11.

Fraction	Decimal	Percent
$\frac{14}{100}$	0.14	14%
$\frac{62}{100}$	0.62	62%
$\frac{8}{100}$	0.08	8%
$\frac{19}{100}$	0.19	19%
$\frac{80}{100}$	0.80	80%
$\frac{75}{100}$	0.75	75%

12. 20 9 7 15

13. range = 73
mean = 35
mode = 11