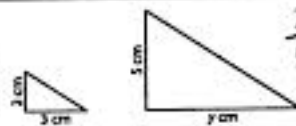


Lesson #129

1. $6[4 + 2 \cdot 3 - 5]$
 $6(4 + 6 - 5)$
 $6(10 - 5)$ 30
 $6(5)$
 30

7.NS.3

2. $\frac{2}{3} = \frac{5}{y}$
 $\frac{2}{5} = \frac{3}{y}$
 $y = 7.5 \text{ cm}$

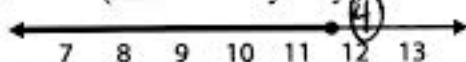


7.G.1

3. ① $3.59g + 8 \leq 50$; $g \leq 11.7$ ②

7.EE.4

③ Madison can get up to
 11.7 gallons of gas.
 (Answers may vary)



4. No, because the $P(\text{Marie})$ will
 always be $\frac{1}{22}$.
 The probability for any girl
 is better at $\frac{12}{22}$.

7.SP.7

5. $550,000 \times .075 = 41,250$
 $41,250 \div 12 = 3,437.50$
 $3,437.50 \times \frac{2}{5} = 1,375$
 \$1,375 each check

7.EE.3

6.

Number cube	1	2	3	4	5	6
1	1	2	3	4	5	6
2	7	8	9	10	11	12
3	13	14	15	16	17	18
4	19	20	21	22	23	24
5	25	26	27	28	29	30
6	31	32	33	34	35	36

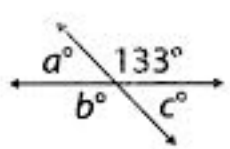
$P(\text{double 1s or 6s}) = \frac{2}{36}$ or $\frac{1}{18}$

7.SP.8

7. $x = (-1,815) + 1,164$
 $x = -651$

7.NS.1

8. $a^\circ = 47^\circ$
 $b^\circ = 133^\circ$
 $c^\circ = 47^\circ$



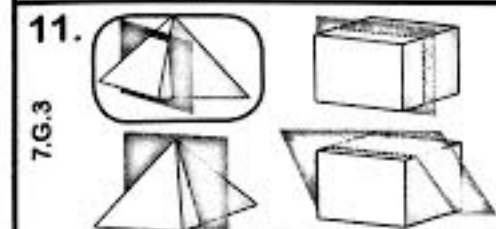
7.G.5

9. $\frac{43}{62}$
 69.4% of the points
 were scored by Latrell.

7.RP.3

10. Birch

7.SP.4



7.G.3

12. $\frac{25}{2,000} = \frac{x}{60,000}$
 estimate of those
 with master's or PhD
 $x = 7,500$

7.SP.2