

Lesson #114

1.

7.G.4

$$r = 8 \text{ m}$$

2.

$$3 \cdot 3 = 9$$

7.SP.8

chips, ham	chips, chicken	chips, turkey
slaw, ham	slaw, chicken	slaw, turkey
soup, ham	soup, chicken	soup, turkey

9 options

3.

7.EE.3

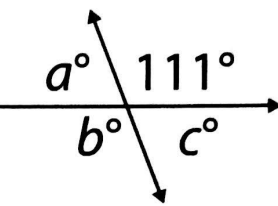
$$(16.5 \times 1.12) \times 40$$

$$\$18.48 \cdot 40$$

$$\$739.20$$

4.

7.G.5



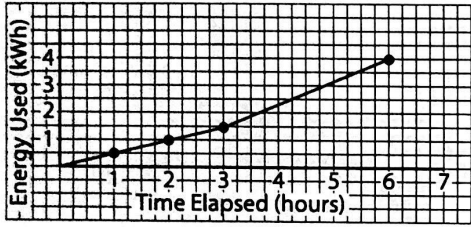
$$a = 69^\circ$$

$$b = 111^\circ$$

$$c = 69^\circ$$

5.

7.RP.2



No, (6, 4) is not proportional.

6.

7.SP.3

Company A:
median is 10; IQR is 5
Company B:
median is 18; IQR is 8

7.

7.SP.3

Answers may vary.

Overall, Company B's cookies have more chips per cookie. The minimum number of chips in a Company B cookie is higher than the median number in Company A's cookie. The median of Company B is more than 50% higher than the median of Company A.

8.

7.SP.5

$$\frac{0}{5} + \frac{1}{6} + \frac{1}{3}$$

(9 red balls)

$$\frac{6}{30} + \frac{5}{30} + \frac{10}{30} = \frac{21}{30}$$

9.

7.NS.1

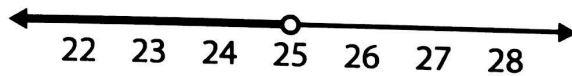
Yes

$$4 + 2$$

10.

7.EE.4

$$a < 25$$



11.

7.G.2

- A) 12, 9, 8
- B) 12, 4, 7
- C) 13, 7, 7
- D) 10, 9, 6

12.

7.SP.6

will not