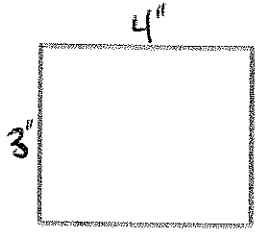
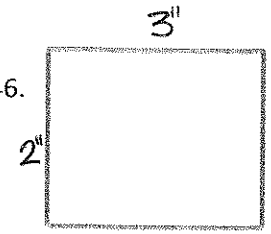
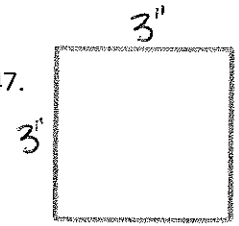
45. 

SF = 3

46. 

SF = 4

47. 

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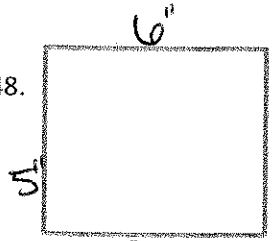
48. 

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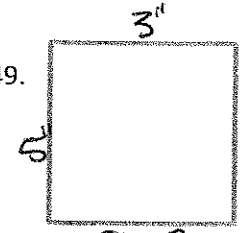
49. 

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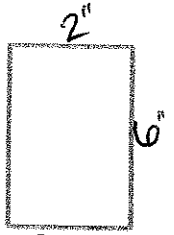
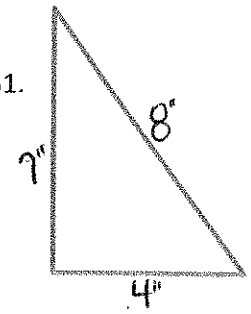
50. 

SF = 3

51. 

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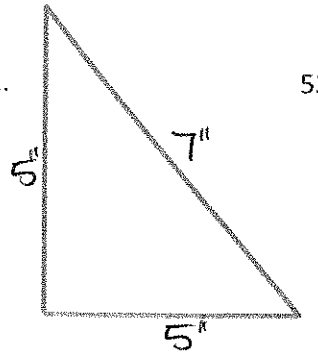
52. 

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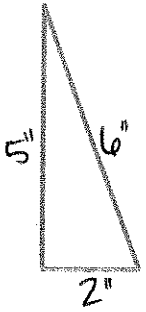
53. 

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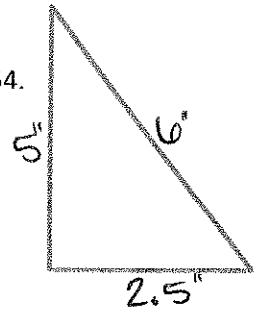
54. 

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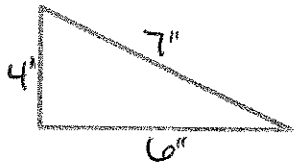
55. 

SF = 4

____ 14. Gary's motorcycle can travel 301.5 miles on 4.5 gallons of gasoline. What is the number of miles per gallon?
a. 65
b. 67
c. 66.9
d. 75.4

____ 15. The Jackson family drove 496 miles in 8 hours. Which is the unit rate in fraction form?
a. $\frac{496 \text{ miles}}{1 \text{ hour}}$
b. $\frac{62 \text{ miles}}{1 \text{ hour}}$
c. $\frac{1 \text{ mile}}{62 \text{ hours}}$
d. $\frac{1 \text{ hour}}{496 \text{ miles}}$

____ 16. 16 oz of trail mix costs $3.20. What is the cost per ounce?
a. $0.02
b. $0.16
c. $0.20
d. $0.40

____ 17. Jerome went on a hike. He climbed three-fourths of a mile in two-thirds of an hour. What was his hiking speed in miles per hour?
a. $\frac{1}{8}$ mile per hour
b. $1\frac{1}{8}$ miles per hour
c. $\frac{8}{9}$ mile per hour
d. $1\frac{5}{12}$ miles per hour

____ 18. If it takes Carlos 15 weeks to make 3 birdhouses, how long will it take him to make 11 birdhouses?
a. 45 weeks
b. 55 weeks
c. 75 weeks
d. 165 weeks

____ 19. If it takes Blanche 36 minutes to walk 2 miles, how long will it take her to walk 7 miles?
a. 75 minutes
b. 108 minutes
c. 126 minutes
d. 156 minutes

____ 20. A survey found that 3 out of 20 people enjoyed going to the dentist. Which angle measure should be used in a circle graph to display this quantity?
a. 3°
b. 15°
c. 30°
d. 54°

____ 21. Which value would complete the table to make the relationship between the two quantities proportional?

x	y
1	19.2
2	38.4
3	?
4	76.8
5	96

a. 48
b. 76.8
c. 38.4
d. 57.6

____ 22. Which value would complete the table to make the relationship between the two quantities proportional?

x	y
1	23.4
2	46.8
3	?
4	93.6
5	117

a. 58.5
b. 46.8
c. 93.6
d. 70.2

____ 23. Which value would complete the table to make the relationship between the two quantities proportional?

x	y
1	22.7
2	45.4
3	?
4	90.8
5	113.5

a. 56.8
b. 68.1
c. 45.4
d. 90.8

____ 24. Determine whether the ratios $\frac{2}{4}$ and $\frac{6}{10}$ are proportional.
a. not proportional
b. proportional

____ 25. Determine whether the ratios $\frac{9}{8}$ and $\frac{27}{16}$ are proportional.
a. not proportional
b. proportional

____ 26. Determine whether the ratios $\frac{5}{6}$ and $\frac{9}{12}$ are proportional.
a. proportional
b. not proportional

____ 27. Which of the following ratios are proportional?
a. $\frac{2}{3}, \frac{3}{4}$
b. $\frac{5}{6}, \frac{11}{12}$
c. $\frac{6}{9}, \frac{9}{12}$
d. $\frac{3}{5}, \frac{9}{15}$

____ 28. Find an equivalent ratio to $\frac{12}{60}$.
a. $\frac{2}{3}$
b. $\frac{4}{5}$
c. $\frac{1}{5}$
d. $\frac{3}{8}$