3rd Grade Measurement & Data
Geometric measurement: understand concepts of area and relate area to multiplication and to addition. Standard 7d, Test 1
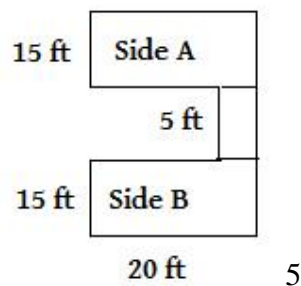
Multiple Choice
Identify the choice that best completes the statement or answers the question.

1.
Albert built a house for him and his brother. Albert lives on side A. How many square feet does Albert have on his side?
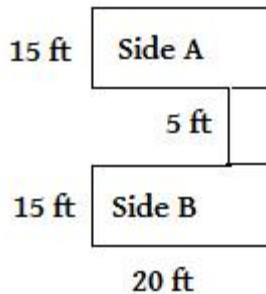
a.

15 ft	Side A
	5 ft
15 ft	Side B

3   20 ft   5

c. 300

b. 350

d. 20

2.

15 ft	Side A
	5 ft
15 ft	Side B

20 ft

The hallway in the house is 4 feet wide. How many total square feet is in the whole house?

a. 620   c. 75
b. 600   d. 599

3.

| 3 ft | 6 ft | |
| | | 13 ft. |

13 ft
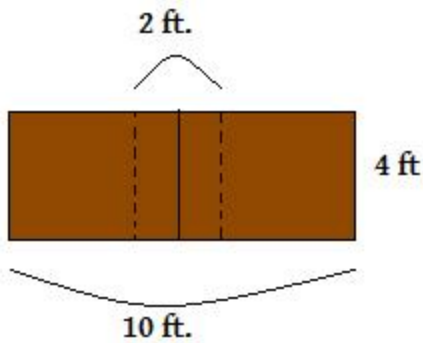
Amy was selling her house. She needed the size of the bedroom for the flyer? How many square feet is the bedroom <u>without</u> the closet space?

a. 177   c. 151
b. 101   d. 299
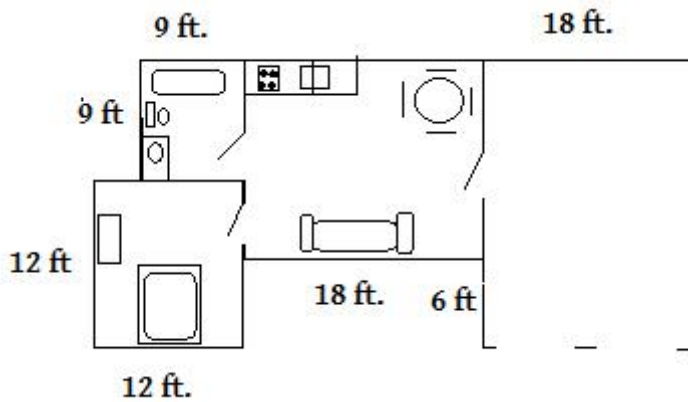
4.

2 ft.

4 ft

10 ft.

Valorie's table was too small for the dinner guests she was having. She will need to use the leaf hidden under the table to make it larger. When the leaf is inserted, how many square feet will the table be?

a. 60   c. 40
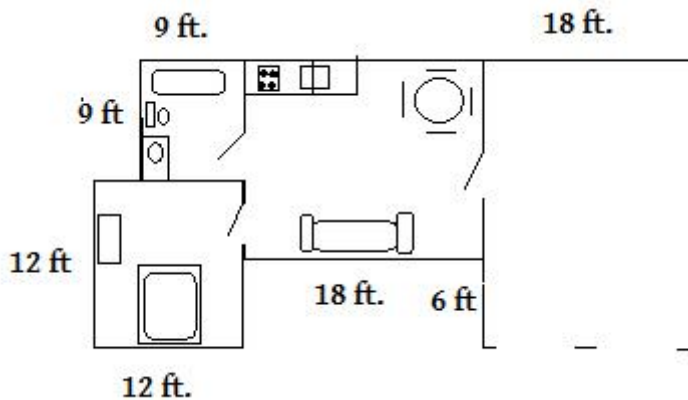b. 48   d. 55

5.

9 ft.   18 ft.

9 ft

12 ft

18 ft.   6 ft

12 ft.

Brian made plans for his new house. His wife wanted a big bedroom. How many square feet will the bedroom be?

a. 144   c. 198
b. 210   d. 100

6.

9 ft.   18 ft.
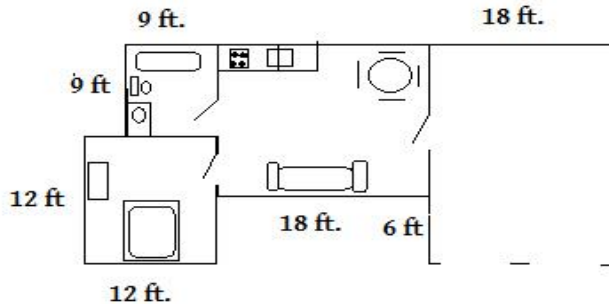
9 ft

12 ft

18 ft.   6 ft

12 ft.

Brian likes to spend time in the kitchen/living room area. He made that room large. How many square feet will Brian have in that room?

a. 72

c. 230

b. 210

d. 270

7.
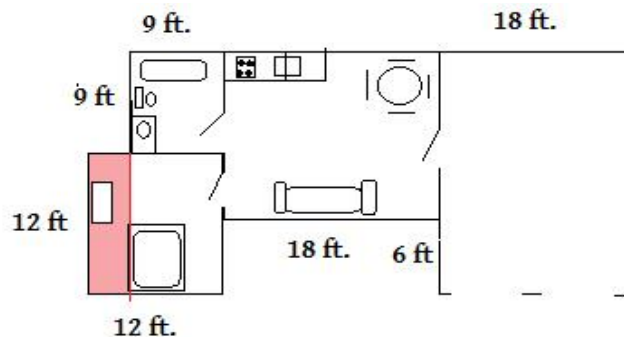
9 ft.   **18 ft.**

9 ft

12 ft

18 ft.   6 ft

12 ft.

Brian has 4 cars. He has to have a large garage. What is the square footage of Brian's garage?

a. 378

c. 410

b. 300

d. 395

8.

9 ft.   **18 ft.**

9 ft

12 ft

18 ft.   6 ft

12 ft.

The area of the bedroom in pink = 36 sq. ft.(Don't add this until the end). What is the total sq. footage of the house and the garage together? (Don't forget to add the bedroom area in pink back on to the total.)

a. 567

c. 981

b. 1000

d. 999

Answer 1: C

Answer 2: A

Answer 3: C

Answer 4: B

Answer 5: A

Answer 6: D

Answer 7: A

Answer 8: C