NAME | DATE

Frederico's Fort

Frederico is building a tree fort. Help Frederico solve the following problems. Show your work using numbers, sketches, or words.

1 The floor of the fort is 14 by 19 feet long. What is the area of the floor?

2 Frederico has 2 windows in his fort. One window is 36 cm by 24 cm. The other window is 18 cm by 48 cm. Frederico says the area of both windows is the same. Do you agree or disagree? Why?

3 The door of the fort is 55 inches by 28 inches. What is the area of the door?

4 Fill in the blanks.

a $29 \times 17 = (30 \times 17) - (____ \times 17)$

b $32 \times 16 = (30 \times 10) + (30 \times ____) + (2 \times 10) + (____ \times ____)$

c $24 \times 42 = 12 \times ____ = 6 \times 168 = ____ \times 336$

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