

# Meanings for Division

PS 3-6

1. One yard is equal to 3 ft. How many yards long would a ski jump be if it was 99 ft long? \_\_\_\_\_

2. Sarah is knitting 5 sweaters. She has a total of 20 buttons. She knows that in order to find the amount of buttons for each sweater, she would use the number sentence  $20 \div 5 = 4$ . In this problem, what does the dividend represent? What does the divisor represent? What does the quotient represent?

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3. There are 7 cabins around a lake. The cabins have a total of 21 picture windows facing the lake. Each cabin has an equal number of these windows. How many picture windows are in each cabin?

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4. Although no two are exactly alike, many snowflakes have 6 sides. How many snowflakes would you have if you counted 24 sides? \_\_\_\_\_

5. How many snowflakes would you have if you counted 36 sides? \_\_\_\_\_

6. **Writing in Math** Explain how you would use division to calculate how many inches of snow had fallen per day, if there were 12 in. of snow on the ground and it had snowed an equal amount for 3 days.

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