

Interpret the Remainder

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Interactive Examples

Interpret the remainder to solve.

11. Warren spent 140 hours making 16 wooden toy trucks for a craft fair. If he spent the same amount of time making each truck, how many hours did he spend making each truck?

$$\begin{array}{r} 8 \\ 16 \overline{)140} \\ \underline{-128} \\ 12 \end{array}$$

 $8\frac{12}{16}$ hours

12. Mihir has 14,203 beads. He uses 36 beads to make one necklace. How many necklaces can he make?
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Problem Solving



13. A campground has cabins that can each hold 28 campers. There are 148 campers visiting the campground. How many cabins are full if 28 campers are in each cabin?
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14. Frida has 220 ounces of cleaning solution that she wants to divide equally among 12 large containers. How much cleaning solution should she put in each container?
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15. **WRITE** *Math* Suppose you have 192 marbles in groups of 15 marbles each. Find the number of groups of marbles that you have. Write the quotient with the remainder written as a fraction. Explain what the fraction part of your answer means.
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Lesson Check

16. Henry and 28 classmates go to the roller skating rink. Each van can hold 11 students. If all of the vans are full except one, how many students are in the van that is not full?
17. Luiza buys 20 ounces of mixed nuts. She puts an equal number of ounces in each of 3 bags. How many ounces of mixed nuts will be in each bag? Write the answer as a whole number and a fraction.

Spiral Review

18. Jayson earns \$196 each week bagging groceries at the store. He saves half his earnings each week. How much money does Jayson save per week?
19. Desiree swims laps for 25 minutes each day. How many minutes does she spend swimming laps in 14 days?
20. Dimos is participating in a bike-a-thon for charity. He will bike 144 miles per day for 5 days. How many miles will Dimos bike in the five days?
21. Kasi is building a patio. He has 136 bricks. He wants the patio to have 8 rows, each with the same number of bricks. How many bricks will Kasi put in each row?