Division Word Problems: What About the Remainder?

Grade 5: read each problem, divide, then decide what to do with the remainder: round up, ignore it, or use it as the answer.

Name: _____ Date: _____

1. 283 students are going to the Science Centre. Each school bus holds 16 students. How many buses are needed?

   Answer: _____

2. A hockey club has 888 pucks to pack into bags of 15. How many bags can be filled completely?

   Answer: _____

3. 819 maple cookies are shared equally among 15 classes. How many cookies are left over?

   Answer: _____

4. A trail is 481 m long. Markers are placed every 16 m, starting at the beginning. How many full sections are there?

   Answer: _____

5. 262 people come to a school concert. Each row has 24 chairs. How many rows are needed so everyone sits?

   Answer: _____

6. A library has 861 new books to put on shelves that hold 15 books each. How many books are on the last, partly filled shelf?

   Answer: _____

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Grade 5: read each problem, divide, then decide what to do with the remainder: round up, ignore it, or use it as the answer.

1 283 students are going to the Science Centre. Each school bus holds 16 students. How many buses are needed?

Answer: 18

283 ÷ 16 = 17 R 11. Round up: the leftover people still need a place.

2 A hockey club has 888 pucks to pack into bags of 15. How many bags can be filled completely?

Answer: 59

888 ÷ 15 = 59 R 3. Ignore the remainder: it is not a full group.

3 819 maple cookies are shared equally among 15 classes. How many cookies are left over?

Answer: 9

819 ÷ 15 = 54 R 9. The remainder is the answer.

4 A trail is 481 m long. Markers are placed every 16 m, starting at the beginning. How many full sections are there?

Answer: 30

481 ÷ 16 = 30 R 1. Ignore the remainder: it is not a full group.

5 262 people come to a school concert. Each row has 24 chairs. How many rows are needed so everyone sits?

Answer: 11

262 ÷ 24 = 10 R 22. Round up: the leftover people still need a place.

6 A library has 861 new books to put on shelves that hold 15 books each. How many books are on the last, partly filled shelf?

Answer: 6

861 ÷ 15 = 57 R 6. The remainder is the answer.