

Eureka Math Grade 4 Mod 3 **REVIEW** End-of-Module Assessment Task

6. Mrs. Farnam is getting new carpet in her classroom!

a. Her classroom is 18 meters long and 12 meters wide. How many square meters of carpet does she need? Use estimation to assess the reasonableness of your answer.

Estimation:

$$\begin{array}{r} 18 \rightarrow 20 \\ * 12 \rightarrow 10 \\ \hline 200 \text{ m (approximately)} \end{array}$$

Actual:

	10	2
8	80	16
10	100	20

$$\begin{array}{r} 80 \\ 16 \\ 100 \\ + 20 \\ \hline 216 \text{ meters} \end{array}$$

Mrs. Farnam will need 216 meters of carpeting for her room.

b. The classroom also needs new chairs and tables. 2 times as many chairs as tables were ordered. If there were 56 chairs ordered, how many more chairs than tables were ordered?

Tables - $56 \div 2 = \underline{28}$ tables are ordered.

$$\begin{array}{r} 56 \\ - 28 \\ \hline 28 \end{array}$$

tables
more
chairs

There were 28 more chairs than tables ordered.

7. Pencils were ordered in boxes containing 9 pencils each. The grade level has 104 students. If the teachers want to start the year with 7 pencils per student, how many packages do they need to buy before the school year starts?

$$\begin{array}{r} 104 \text{ students} \\ * 7 \text{ pencils each} \\ \hline 728 \text{ Total pencils} \end{array}$$

$$\begin{array}{r} 80 \text{ r } 8 \\ 9 \overline{) 728} \\ \underline{-72} \\ 08 \\ \underline{-00} \\ 8 \end{array}$$

pencils needed

They will need to buy 81 package of pencils.

8. Mr. Izor's bicycle is locked with an old fashioned combination lock! Here is a picture of what a combination lock looks like:

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