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Mixed multiplication and division word problems

Grade 3 Math Word Problems Worksheet

1. The Razorback T-shirt Shop ordered 12 cases of t-shirts. If each case contains 24 t-shirts, how many t-shirts did they order?

2. The Razorback T-shirt Shop makes $9 dollars off each t-shirt sold. During the Arkansas and Texas Tech game they sold 200 t-shirts. How much money did they make from selling the t-shirts?

3. The Razorback T-shirt Shop sells their extra-large t-shirts for $10. Last week they sold 45 extra-large t-shirts. How much money did they make from those sales?

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4.   Marlee has 12 guests coming to her Halloween party. Each table will hold three guests. How many tables will she need? If each guest uses 2 glasses, how many glasses will she need?

5.   Mrs. Walker will have 56 apples for bobbing. She will place a maximum of 9 apples in each bucket. How many buckets will she need?

6.   Warren has 248 guests coming to his party. Each table will hold 4 guests. How many tables will he need? If each table has 2 candles, how many candles will he need?

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Answers

1. 12 x 24 = 288
   They ordered 288 t-shirts.

2. 9 x 200 = 1,800
   They made $1,800 from selling t-shirts.

3. 10 x 45 = 450
   They made $450 that week from selling extra-large t-shirts.

4. 12 ÷ 3 = 4
   12 x 2 = 24
   Marlee needs 4 tables and 24 glasses.

5. 56 ÷ 9 = 6 remainder 2
   She needs 7 buckets; the last bucket will only have 2 apples.

6. 248 ÷ 4 = 62
   62 x 2 = 124
   Warren needs 62 tables and 124 candles.