Word Problems with Fractions and Decimals

Grade 5 · 5.NF.6

Name: _____ Date: _____

Read each problem. Show your working, then write your answer.

1. One bag of rice weighs 7.31 kg. What do 5 bags weigh?
   Answer: _____

2. A crate measures 5 m by 3 m by 7 m. What is its volume?
   Answer: _____

3. A path is 9 kilometres long. How many metres is that?
   Answer: _____

4. Pens cost $9.25 each. How much do 8 pens cost?
   Answer: _____

5. Pens cost $9.25 each. How much do 4 pens cost?
   Answer: _____

6. One bag of rice weighs 4.94 kg. What do 4 bags weigh?
   Answer: _____

7. A crate measures 3 m by 6 m by 2 m. What is its volume?
   Answer: _____

8. A train travels at 65 miles per hour for 6 hours. How far does it go?
   Answer: _____

9. A train travels at 50 miles per hour for 6 hours. How far does it go?
   Answer: _____

10. Ana read 5/6 of a 42-page book. How many pages is that?
    Answer: _____

Word Problems with Fractions and Decimals — Answe

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Ask: what is the whole, and what fraction or rate is being applied to it?

1. One bag of rice weighs 7.31 kg. What do 5 bags weigh?
   Answer: 36.55 kg

2. A crate measures 5 m by 3 m by 7 m. What is its volume?
   Answer: 105 cubic m

3. A path is 9 kilometres long. How many metres is that?
   Answer: 9000 m

4. Pens cost $9.25 each. How much do 8 pens cost?
   Answer: $74.00

5. Pens cost $9.25 each. How much do 4 pens cost?
   Answer: $37.00

6. One bag of rice weighs 4.94 kg. What do 4 bags weigh?
   Answer: 19.76 kg

7. A crate measures 3 m by 6 m by 2 m. What is its volume?
   Answer: 36 cubic m

8. A train travels at 65 miles per hour for 6 hours. How far does it go?
   Answer: 390 miles

9. A train travels at 50 miles per hour for 6 hours. How far does it go?
   Answer: 300 miles

10. Ana read 5/6 of a 42-page book. How many pages is that?
    Answer: 35