

Grade 4 Math Word Problems Worksheet

Read and answer each question. Show your work!

Mixed Practice with Fractions and Decimals #1

1. Susie used 0.75 cup of sugar in a batch of brownies. What fraction of a cup did she use?
2. In Mr. Brown's class $\frac{2}{4}$ of the students like chocolate ice cream. What percent of the students like chocolate ice cream?
3. Vicky gave away $\frac{4}{5}$ of her beanie baby collection. What percent of her collection did she give away?
4. Andrew spent three day working on his Science report. He worked for 2.5 hours each day. How many hours did he work?
5. A driving class begins at 9:15 a.m. It lasts for 4 hours and 30 minutes. At what time will the class end?

Answers

1. $0.75 = 75/100$, which simplifies to $3/4$
She used $75/100$ (or $3/4$) of a cup.
2. $2/4 = 2 \cdot 25 / 4 \cdot 25 = 50/100 = 50\%$
50% of students like chocolate ice cream.
3. $4/5 = 4 \cdot 20 / 5 \cdot 20 = 80/100 = 80\%$
She gave away 80%.
4. $3 \times 2.5 = 7.5$
He worked 7.5 hours.
5. $9:15 + 4:30 = 1:45$ p.m.
The class ends at 1:45 p.m.