Fraction word problems
Grade 5 Word Problems Worksheets

Read and answer each question:

Josh had been busy at work last week.

1. It usually took Josh $\frac{2}{5}$ of an hour to ride his bike to work. But on Monday, his bike was broken, so he took the bus to work which took $\frac{5}{8}$ of an hour. How much longer was it to take the bus to work?

2. Josh was packing to move to another office. He packed $3\frac{2}{5}$ boxes on Tuesday and $2\frac{9}{10}$ boxes on Wednesday. After everything was moved to his new office on Wednesday afternoon, he only found $4\frac{1}{4}$ boxes. How many boxes were missing?

3. Josh had a meeting on Wednesday for $2\frac{7}{8}$ hours, which is $1\frac{1}{4}$ hour longer than scheduled. How much time was scheduled for the meeting?

4. Josh needed to write 12 documents during the week. By Wednesday, he only finished $3\frac{1}{5}$ documents. On Thursday, he finished another $5\frac{3}{4}$ documents. If he finished writing all documents by Friday, how much did he write on Friday?

5. Everyone at the office was having pizza together on Friday. They ordered $2\frac{1}{2}$ cheese pizzas and $3\frac{1}{3}$ pepperoni pizzas. But the pizzeria mixed up their order and delivered $4\frac{1}{4}$ pepperoni pizzas and $1\frac{2}{3}$ cheese pizzas. Did they get more or less pizza? By how much?

6. The price of the pizza was $\$32\frac{4}{5}$ and Josh paid $\$45\frac{1}{2}$ to the delivery person. He gave $\$5\frac{3}{10}$ of change to Josh. How much was the delivery charge?
Answers

1. \[ \frac{5}{8} - \frac{2}{5} = \frac{9}{40} \]

Taking the bus to work was \( \frac{9}{40} \) of an hour longer.

2. \[ \frac{2}{5} + 2 \frac{9}{10} - 4 \frac{1}{4} = 2 \frac{1}{20} \]

2\( \frac{1}{20} \) boxes were missing.

3. \[ \frac{7}{8} - 1 \frac{1}{4} = 1 \frac{5}{8} \]

1\( \frac{5}{8} \) hours was scheduled for the meeting.

4. \[ 12 - 3 \frac{1}{5} - 5 \frac{3}{4} = 3 \frac{1}{20} \]

He finished 3\( \frac{1}{20} \) documents on Friday.

5. \[ 2 \frac{1}{2} + 3 \frac{1}{3} = 6 \frac{5}{6} \]

They ordered 6\( \frac{5}{6} \) pizzas.

\[ 4 \frac{1}{4} + 1 \frac{2}{3} = 5 \frac{11}{12} \]

5\( \frac{11}{12} \) pizzas were delivered.

\[ 6 \frac{5}{6} - 5 \frac{11}{12} = \frac{11}{12} \]

They got \( \frac{11}{12} \) of a pizza less than they ordered.

6. \[ 45 \frac{1}{2} - 32 \frac{4}{5} - 5 \frac{7}{10} = 7 \frac{2}{5} \]

The delivery charge was $7\frac{2}{5}$. 