

Year 5 Fractions & Decimals Worksheet



1. Adding Decimals

- A. $4.95 + 5.55 =$
- C. $7.99 + 6.45 =$
- E. $4.02 + 4.19 =$

- B. $9.11 + 5.7 =$
- D. $9.33 + 9.13 =$
- F. $2.13 + 4.28 =$

2. Subtracting Decimals

- A. $5.86 - 3.71 =$
- C. $9.95 - 9.08 =$
- E. $8.35 - 8.09 =$

- B. $4.72 - 3.68 =$
- D. $4.56 - 2.13 =$
- F. $7.32 - 2.43 =$

3. Decimal Rounding

- A. 8.103 to the nearest 1:
- C. 13.371 to the nearest 1:
- E. 50.004 to the nearest 1:

- B. 53.783 to the nearest 1:
- D. 7.96 to the nearest 1:
- F. 17.267 to the nearest 1:

4. Stephen put 1.69 grams of salt in a recipe of soup. Then he let the soup cook for an hour. Before he served the soup, Stephen added 6.98 grams of salt. How much salt did Stephen add to the soup in all?

5. A carpenter bought a piece of wood that was 0.8 meters long. Then he sawed 0.7 meters off the end. How long is the piece of wood now?

6. It rained 0.41 inches on Monday. On Tuesday, it rained 0.16 inches less than on Monday. How much did it rain on Tuesday?

7. A carpenter bought a piece of wood that was 0.36 meters long. Then she sawed 0.29 meters off the end. How long is the piece of wood now?

8. Stanley picked two pumpkins. The first pumpkin weighed 5.4 kilograms, and the second pumpkin weighed 1.1 kilograms. How much did the two pumpkins weigh all together?

1. Add the mixed numbers

A. $2 \frac{1}{5} + 1 \frac{1}{2} =$

B. $1 \frac{1}{4} + 2 \frac{2}{5} =$

C. $3 \frac{1}{4} + 2 \frac{5}{12} =$

D. $3 \frac{3}{8} + 4 \frac{1}{3} =$

E. $1 \frac{1}{2} + 2 \frac{3}{4} =$

F. $5 \frac{5}{6} + 3 \frac{5}{12} =$

2. Subtract the mixed numbers

A. $3 \frac{3}{8} - 2 \frac{1}{3} =$

B. $3 \frac{3}{4} - 1 \frac{2}{5} =$

C. $2 \frac{5}{6} - 2 \frac{2}{9} =$

D. $3 \frac{1}{3} - 2 \frac{1}{4} =$

E. $5 \frac{5}{9} - 2 \frac{1}{3} =$

F. $7 \frac{4}{5} - 3 \frac{2}{9} =$

3. For the school's annual day, a group of students prepared $16 \frac{1}{2}$ litres of orange squash. At the end of the day they had $2 \frac{5}{8}$ litres left over. How many litres of squash were sold?

4. There are 78 candies in a bowl on the table. Two-thirds of the candies are peppermints. How many peppermints are in the bowl of candy?

5. John ran $2 \frac{1}{3}$ km and Morish ran $4 \frac{1}{5}$ km. Find the difference in the distance that they ran.

6. A water tank has $82 \frac{3}{4}$ litres of water. $24 \frac{4}{5}$ litres were used and the tank was filled with another $18 \frac{3}{4}$ litres. What is the final volume of water in the tank?

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7. Scott and his friend went fishing. Scott caught $3\frac{3}{4}$ kg of fish while his friend caught $2\frac{1}{5}$ kg of fish. What is the total weight of the fishes that they caught?
8. On his vacation last summer, Alex walked all over San Francisco City to buy gifts. First, he walked $\frac{1}{2}$ of a kilometre from his hotel to a postcard shop. Then he walked $\frac{1}{2}$ of a kilometre from the postcard shop to a T-shirt shop and $\frac{1}{2}$ of a kilometre from the T-shirt shop back to the hotel. How many kilometres did Alex walk in all?