

Class/Homework

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Don't just give answers copy down the addition statement (Not directions)



Must show work when you see fractions

NO Number lines



8 (all) Leave in fractional form (no calculator)

9 (acf) Use Calculators

11(aceg,i) (no decimals)

13, 16, 17(a, b, c), 18, 20(ac)

9) Determine the sum (answer)

a) $-5.6 + 3.2$

c) $-0.325 + (-32.5)$

f) $-17.84 + (-0.098)$

11. Determine each sum.

a) $-\frac{2}{3} + \frac{1}{2}$

c) $-\frac{11}{4} + \left(-\frac{6}{5}\right)$

e) $-2\frac{1}{3} + \left(-1\frac{3}{4}\right)$

g) $-3\frac{3}{4} + 4\frac{5}{8}$

i) $-3\frac{1}{4} + \left(-2\frac{1}{6}\right)$

13. Zoe owes her mother \$36.25, then Zoe borrows another \$25.35.

a) Write each amount as a rational number.

b) Use the numbers in part a.

i) Write an expression for the amount Zoe owes.

ii) How much does Zoe owe?

c) Zoe pays back \$14.75.

i) Write an expression for the amount Zoe now owes.

ii) How much does Zoe now owe?

16) Determine each sum to check.

a) i) $-9.23 + 3.46$ ii) $9.23 + (-3.46)$

b) i) $-\frac{2}{3} + \left(-\frac{3}{4}\right)$ ii) $-\frac{2}{3} + \frac{3}{4}$

17. In January, Keith earned \$45.50 babysitting and \$22.25 shovelling snow. He spent \$15.77 on a CD, and \$33.10 on a computer game.

a) Write each amount above as a rational number. Justify your choice of sign for

b) Write an addition statement that represents Keith's balance at the end of January.

c) What is Keith's balance?

20. Determine the missing rational number in each addition statement. What strategies did you use?

a) $-\frac{3}{4} + \square = \frac{7}{8}$ c) $\square + \left(-\frac{5}{2}\right) = 3\frac{1}{8}$

5) Determine the difference (answer)

a) $\frac{11}{5} - \frac{2}{5}$

b) $\frac{11}{5} - \left(-\frac{2}{5}\right)$

c) $-\frac{11}{5} - \frac{2}{5}$

d) $\frac{2}{5} - \left(-\frac{11}{5}\right)$

7) Determine the difference (answer)

a) $10.8 - 3.5$

b) $-37.23 - 48.54$

c) $50.06 - (-14.67)$ d) $64.19 - 95.76$

e) $-28.31 - 9.72$

f) $70.59 - (-81.25)$

9)

a) $\frac{17}{3} - \frac{19}{2}$

b) $-\frac{13}{5} - \frac{7}{3}$

c) $1\frac{5}{6} - 6\frac{3}{4}$

9)

d) $-\frac{19}{6} - \frac{7}{8}$

e) $\frac{15}{4} - \frac{5}{12}$

f) $-2\frac{1}{8} - \left(-4\frac{1}{3}\right)$

13)

$$\text{c) } -\frac{16}{5} - \left(-\frac{14}{3}\right) + \frac{13}{4}$$

$$\text{d) } 23.5 + (-12.61) - 3.2$$

15. Determine the missing number in each subtraction statement.

a) $\square - 28.4 = 37.3$

b) $\frac{9}{10} - \square = \frac{3}{5}$