

Key

# Did You Hear About . . .

1 The	2 big	3 river	4 that	5 went	6 on	7 a	8 diet
9 just	10 to	11 take	12 off	13 a	14 few	15 ponds	???

Find each answer in the answer column. Write the word next to the answer in the box containing the problem number.

Simplify. *\*Must Show neat, organized work!*

$$1 \quad 2\frac{2}{3} - 1\frac{1}{2}$$

$$1\frac{1}{6}$$

$$2 \quad -4\frac{1}{2} + 1\frac{3}{10}$$

$$-3\frac{1}{5}$$

$$3 \quad -3\frac{1}{3} - 2\frac{3}{4}$$

$$-6\frac{1}{12}$$

$$4 \quad 3\frac{5}{8} + (-5\frac{1}{4})$$

$$-1\frac{5}{8}$$

$$5 \quad 5\frac{1}{2} + 1\frac{4}{9}$$

$$6\frac{11}{18}$$

$$6 \quad -4\frac{3}{5} + (-2\frac{2}{3})$$

$$-7\frac{4}{15}$$

$$7 \quad 3\frac{5}{6} - 7\frac{1}{2}$$

$$-3\frac{2}{3}$$

$$8 \quad -2\frac{1}{4} + 3\frac{4}{5} + 4$$

$$5\frac{11}{20}$$

$$9 \quad 6\frac{1}{2} - (-1\frac{7}{8})$$

$$8\frac{3}{8}$$

Solve.

$$10 \quad x + 4\frac{1}{5} = 7\frac{7}{10}$$

$$3\frac{1}{2}$$

$$11 \quad 3\frac{3}{4} + t = -2\frac{1}{6}$$

$$-5\frac{11}{12}$$

$$12 \quad n - 5\frac{5}{9} = -8\frac{1}{3}$$

$$-2\frac{7}{9}$$

13 Mr. Glock's gas tank holds  $16\frac{1}{2}$  gal when full. When Mr. Glock drove into a gas station, the tank contained  $4\frac{2}{5}$  gal. How much gas was needed to fill the tank?

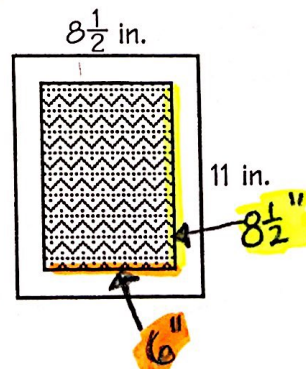
12 to gallons

14 A cabinet has shelves that are  $12\frac{1}{2}$  in. apart. On one shelf, Katherine stacked a CD player that is  $4\frac{5}{8}$  in. high on top of an amplifier that is  $6\frac{3}{4}$  in. high. How much space was left above the CD player?

$1\frac{1}{8}$  inches

15 A sheet of paper is  $8\frac{1}{2}$  in. wide and 11 in. long. The sheet is printed with a margin  $1\frac{1}{4}$  in. wide on all four sides. Find the perimeter of the printed part of the page.

29 inches



- $9\frac{1}{8}$  • WHEN
- $-2\frac{4}{9}$  • OVER
- $-6\frac{1}{12}$  • RIVER
- $-5\frac{11}{12}$  • TAKE
- $5\frac{11}{20}$  • DIET
- $-1\frac{5}{8}$  • THAT
- $-7\frac{4}{15}$  • ON
- $1\frac{1}{6}$  • THE
- $5\frac{7}{20}$  • TRIP
- $3\frac{1}{2}$  • TO
- $-3\frac{2}{3}$  • A
- $-3\frac{1}{5}$  • BIG
- $-2\frac{7}{9}$  • OFF
- $1\frac{3}{8}$  in. • BAD
- 29 in. • PONDS
- $6\frac{17}{18}$  • WENT
- $11\frac{4}{5}$  gal • SOME
- $1\frac{1}{8}$  in. • FEW
- $8\frac{3}{8}$  • JUST
- $-5\frac{7}{12}$  • LOSE
- $12\frac{1}{10}$  gal • A
- 27 in. • BANKS

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$$\textcircled{1} 2\frac{2}{3} - 1\frac{1}{2} =$$

$$\frac{8}{3} - \frac{3}{2} =$$

$$\frac{16}{6} - \frac{9}{6} = \frac{16-9}{6} = \frac{7}{6} =$$

$$1\frac{1}{6}$$

$$\textcircled{2} -4\frac{1}{2} + 1\frac{3}{10} =$$

$$-\frac{9}{2} + \frac{13}{10} =$$

$$-\frac{90}{20} + \frac{26}{20} = \frac{-90+26}{20} = \frac{-64}{20} =$$

$$-3\frac{4}{20} = -3\frac{1}{5}$$

$$\textcircled{3} -3\frac{1}{3} - 2\frac{3}{4} =$$

$$-\frac{10}{3} - \frac{11}{4} =$$

$$-\frac{40}{12} - \frac{33}{12} = \frac{-40-33}{12} = \frac{-73}{12} =$$

$$-6\frac{1}{12}$$

$$\textcircled{4} 3\frac{5}{8} + (-5\frac{1}{4}) =$$

$$\frac{29}{8} + (-\frac{21}{4}) =$$

$$\frac{29}{8} + (-\frac{42}{8}) = \frac{29-42}{8} = \frac{-13}{8} =$$

$$-1\frac{5}{8}$$

$$\textcircled{5} 5\frac{1}{2} + 1\frac{4}{9} =$$

$$\frac{11}{2} + \frac{13}{9} =$$

$$\frac{99}{18} + \frac{26}{18} = \frac{99+26}{18} = \frac{125}{18} =$$

$$6\frac{17}{18}$$

$$\textcircled{6} -4\frac{2}{5} + (-2\frac{2}{3}) =$$

$$-\frac{23}{5} + (-\frac{8}{3}) =$$

$$-\frac{69}{15} + (-\frac{40}{15}) = \frac{-69+(-40)}{15} =$$

$$-\frac{109}{15} = -7\frac{4}{15}$$

$$\textcircled{7} 3\frac{5}{6} - 7\frac{1}{2} =$$

$$\frac{23}{6} - \frac{15}{2} =$$

$$\frac{23}{6} - \frac{45}{6} = \frac{23-45}{6} = \frac{-22}{6} =$$

$$-3\frac{4}{6} = -3\frac{2}{3}$$

$$\textcircled{8} -2\frac{1}{4} + 3\frac{4}{5} + 4 =$$

$$-\frac{9}{4} + \frac{19}{5} + 4 =$$

$$-\frac{45}{20} + \frac{76}{20} + \frac{80}{20} =$$

$$\frac{-45+76+80}{20} = \frac{111}{20} = 5\frac{11}{20}$$

$$\textcircled{9} 6\frac{1}{2} - (-1\frac{7}{8}) =$$

$$\frac{13}{2} - (-\frac{15}{8}) =$$

$$\frac{52}{8} - (-\frac{15}{8}) = \frac{52-(-15)}{8} =$$

$$\frac{67}{8} = 8\frac{3}{8}$$

$$\textcircled{10} 7\frac{7}{10} - 4\frac{1}{5} =$$

$$\frac{77}{10} - \frac{21}{5} =$$

$$\frac{77}{10} - \frac{42}{10} = \frac{77-42}{10} =$$

$$\frac{35}{10} = 3\frac{5}{10} = 3\frac{1}{2}$$

$$\textcircled{11} 3\frac{3}{4} + 2\frac{1}{6} =$$

$$\frac{15}{4} + \frac{13}{6} =$$

$$\frac{45}{12} + \frac{26}{12} = \frac{45+26}{12} =$$

$$\frac{71}{12} = 5\frac{11}{12}$$

$$\textcircled{12} -8\frac{1}{3} - (-5\frac{5}{9}) =$$

$$-\frac{25}{3} + \frac{50}{9} =$$

$$-\frac{75}{9} + \frac{50}{9} = \frac{-75+50}{9} =$$

$$-\frac{25}{9} = -2\frac{7}{9}$$

$$(13) 16\frac{1}{2} - 4\frac{2}{5} =$$

$$\frac{33}{2} - \frac{22}{5} =$$

$$\frac{165}{10} - \frac{44}{10} = \frac{165-44}{10} =$$

$$\frac{121}{10} = 12\frac{1}{10}$$

$$(14) \text{ CD amp} \\ 4\frac{5}{8} + 6\frac{3}{4} =$$

$$\frac{37}{8} + \frac{27}{4} =$$

$$\frac{37}{8} + \frac{54}{8} = \frac{37+54}{8} = \frac{91}{8} =$$

$$11\frac{3}{8} \text{ (height of CD + Amp)}$$

$$12\frac{1}{2} - 11\frac{3}{8} =$$

$$\frac{25}{2} - \frac{91}{8} =$$

$$\frac{100}{8} - \frac{91}{8} = \frac{100-91}{8} = \frac{9}{8} =$$

$$1\frac{1}{8}$$

$$(15) 1\frac{1}{4} + 1\frac{1}{4} = 2\frac{1}{2}''$$

Vertical + horizontal

$$8\frac{1}{2} - 2\frac{1}{2} = 6'' \updownarrow$$

$$11 - 2\frac{1}{2} = 8\frac{1}{2}'' \leftrightarrow$$

$$6 + 6 + 8\frac{1}{2} + 8\frac{1}{2} =$$

$$12 + 17 = 29''$$