

Did You Hear About . . .

1	2	3	4	5	6	7	8
9	10	11	12	13	14	15	???



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



Simplify. ★ #1-7

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

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

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

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

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

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

7 ^{optimal!} $3\frac{5}{6} - 7\frac{1}{2}$

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

9 ^{optimal!} $6\frac{1}{2} - (-1\frac{7}{8})$

Solve.

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

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

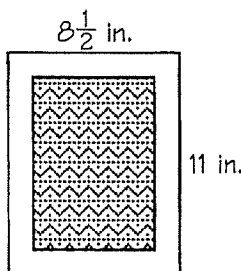
12 $n - 5\frac{5}{9} = -8\frac{1}{3}$

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?

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?

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.

↳ sum of all 4 sides



$9\frac{1}{8}$ • 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

How Could Goldilocks and The Big Bad Wolf Be in the Same House?



Find each answer in the answer columns. Write the letter of the answer in the box containing the problem number.

Simplify. ☆: # 1-13

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

2. $\frac{-1}{4} + \frac{-2}{3}$

3. $\frac{1}{2} - \frac{7}{10}$

4. $-\frac{3}{4} - \frac{1}{8}$

5. $\frac{5}{6} + \frac{4}{5}$

6. $-\frac{1}{3} + \frac{11}{15}$

7. $-\frac{5}{6} + \frac{-8}{9}$

8. $\frac{7}{8} - \frac{2}{3}$

9. $\frac{3}{10} + \frac{-47}{100}$

optimal 10. $-\frac{7}{9} + \frac{3}{4}$

11. $-\frac{5}{12} - \frac{5}{6}$

12. $\frac{2}{5} + \frac{7}{8}$

13. $\frac{1}{3} - \frac{9}{11}$

14. $\frac{1}{2} + \frac{2}{3} - \frac{5}{12}$

15. $1 - \frac{1}{16}$

Solve.

16. A triangular course for a canoe race is marked with buoys. The first leg is $\frac{3}{10}$ mi, the second leg is $\frac{1}{2}$ mi, and the third leg is $\frac{2}{5}$ mi. How long is the race?

17. Janis jogs around a rectangular park that is $\frac{3}{5}$ mi long and $\frac{1}{4}$ mi wide. How far is it around the park?

18. Rimshot bought two equal-sized pizzas. He cut the first one into 8 equal pieces and ate three of them. Then he cut the other pizza into 6 equal pieces and ate one of them. What fraction of a whole pizza did he eat altogether?

19. Karina bought a pizza that was cut into 8 equal pieces. She ate half of one piece. What fraction of the whole pizza did she eat?

answers 1-9		answers 10-19	
A	$-1\frac{13}{18}$	W	$1\frac{7}{10}$ mi
U	$-\frac{1}{10}$	S	$-\frac{1}{36}$
Y	$-\frac{7}{8}$	E	$1\frac{3}{10}$ mi
B	$1\frac{13}{30}$	O	$-\frac{16}{33}$
T	$\frac{4}{15}$	T	$\frac{1}{16}$
E	$\frac{2}{5}$	S	$\frac{7}{12}$
O	$-\frac{17}{100}$	U	$\frac{15}{16}$
P	$-1\frac{7}{18}$	H	$1\frac{11}{40}$
O	$-\frac{11}{12}$	S	$1\frac{1}{5}$ mi
N	$\frac{7}{24}$	I	$-\frac{13}{33}$
W	$1\frac{19}{30}$	R	$\frac{13}{24}$
T	$\frac{5}{24}$	A	$-1\frac{1}{4}$
S	$-\frac{1}{5}$	I	$\frac{3}{4}$

14	8	17	11	3	7	19	5	13	16	1	9	18	4	12	2	15	10	6
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