

Quiz in Code

1. What did the boy perfume say to the girl perfume?

5.6 582 $14.1s$ 582 9.16 $14\frac{1}{2}$ $5\frac{1}{4}$ 92° 28.1 95° 31.1 $14.1s$ 28.1 4.5 95°

2. What did the carpenter say when he joined the band?

10 41 28.1 95° 4.5 8.17 28.1 $9.7s$ 95° 16.3 14.4 28.1 $17\frac{1}{2}$ 22.9 582 62

3. What do you call a rock music channel with no music?

$5\frac{1}{4}$ 5.4 73 95° 658 5.9 77.8

Solve each equation or problem and find your solution in the code.
Each time it appears, write the letter of the exercise above it.

R $n + 13 = 75$

S $y + 4.7 = 9.2$

P $x - 49 = 24$

U $p - 7.8 = 8.5$

H $60 = q + 19$

O $365 = t - 217$

B $12.5 + w = 26.9$

G $3.75 = n - 5.41$

Y $895 = 237 + x$

W $n - 2\frac{1}{2} = 7\frac{1}{2}$

E $y + 3\frac{1}{4} = 8\frac{1}{2}$

N $m - 5\frac{1}{4} = 9\frac{1}{4}$

F $39.3 = r + 16.4$

V $5.8 = x - 72$

C $9.4 + d = 15$

M The sum of x and 6.5 is 11.9. Find the value of x .

A The difference of y and 8.1 is 20. Find the value of y .

T Two angles are *supplementary* if the sum of their measures is 180° . If one of two supplementary angles measures 85° , what is the measure of the other angle?

L Bert and Ernie ran the 100-meter dash. The difference of their times was 1.5 s. If Bert won the race in a time of 12.6 s, what was Ernie's time?

How Did Mortimer Buckle Do In His Breadmaking Class?



Solve each equation or problem and find your solution in the corresponding set of answer boxes. Write the letter of the exercise in the box containing the solution.

- A** $5x = 30$ **S** $12y = 60$ **I** $99 = 9n$ **O** $2a = 15$
- E** $\frac{x}{3} = 40$ **N** $\frac{m}{8} = 12$ **S** $2 = \frac{t}{6}$ **A** $\frac{u}{4} = 9.5$
- H** $2.5y = 10$ **M** $\frac{n}{3.2} = 9$ **W** $75 = 30q$ **N** $12.5 = \frac{d}{8}$

4	11	12	3.2	100	6	28.8	120	104	2.5	38	5	14	7.5	96
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- R** $32v = 16$ **O** $\frac{x}{9.4} = 10$ **E** $180 = 18e$ **L** $72 = \frac{n}{5}$
- O** $\frac{m}{40} = 2.75$ **T** $10p = 66$ **O** $\frac{a}{15} = 15$ **H** $15y = 15$

L The product of x and 5.2 is 104. Find the value of x .

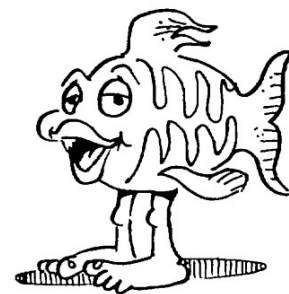
H The quotient of y and 6 is 29. Find the value of y .

R The area of a rectangle equals length times width. A singles tennis court has an area of 2106 ft^2 and a width of 27 ft. Find the length.

N The speed of a moving object equals distance divided by time. If a bicycle rider averages 7.5 mph for 6 h, how far did he ride?

192	6.6	1	10	84 ft	174	94	45 mi	225	0.5	51 mi	78 ft	110	20	360
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What Would You Call a Fish With Two Legs?



Cross out the letters above each correct answer. When you finish, write the remaining letters in the spaces at the bottom of the page.

In Exercises 1-12, solve the equation.

1. $x + 64 = 180$
2. $d - 17 = 32$
3. $16y = 480$
4. $\frac{n}{24} = 25$
5. $19 = a + 7.2$
6. $5.6 = p - 8.3$
7. $67.2 = 3.5q$
8. $11.5 = \frac{k}{48}$
9. $2240 + t = 5280$
10. $w - 4\frac{2}{5} = 9\frac{3}{5}$
11. $0.6x = 31.2$
12. $\frac{u}{3.14} = 70$

In Exercises 13-18, write an equation to represent the verbal statement. Then solve the equation.

13. The sum of 88 elephants and x elephants is 145 elephants.
14. The quotient of x miles and 8 hours is 55 miles per hour.
15. Ms. Snork bought x sport shirts at \$29 each. The total cost was \$87.
16. The regular price of a TV is x dollars. During a sale, \$39 is subtracted from this price. The sale price is \$215.
17. The Teton Club has hiked 18.5 miles and has x miles left to go. The club plans to hike 25 miles altogether.
18. This year 0.3 of the x students at Mega Middle School are in 7th grade. There are 294 students in 7th grade.

TH	AT	RY	SW	IM	OP	WO	RD	ON	TD	KN	OW
3040	964	3	11.8	30	980	8.4	219.8	116	552	262	6.5
LE	GS	EE	MA	FI	NS	TO	SP	IN	SH	OT	ED
57	52	5	19.2	227.8	254	49	14	600	16.2	440	13.9