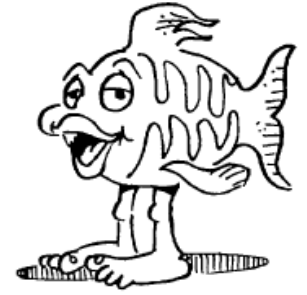


# What Would You Call a Fish With Two Legs?



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.  $\frac{u}{3.14} = 70$

Answers to 1 – 3 are below. Number 4 is done as an example. Show all steps for #s 5 - 12.

1) $x = 116$	2) $d = 49$	3) $y = 30$
4) $\frac{n}{24} = 25$ Check: 25 $\begin{array}{r} 24 \overline{)600} \\ \underline{-48} \phantom{0} \\ 120 \\ \underline{-120} \\ 0 \end{array}$ $\begin{array}{r} x \ 24 \quad x \ 24 \\ \hline n = 600 \end{array}$	5)	6)
7)	8)	9)
10)	11)	12)

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

Show all steps for #s 14-18 below. Number 13 is done for you as an example.

<p>13) <math>88 + x = 145</math>      Check: <math>88</math></p> $\begin{array}{r} 88 + x = 145 \\ - 88 \quad - 88 \\ \hline x = 57 \end{array}$ <p style="text-align: right;"><math>\begin{array}{r} + 57 \\ 88 \\ \hline 145 \end{array}</math></p>	14)
15)	16)
17)	18)