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What do you call laughter?



Directions: Define the variable in each problem and then write an equation. Solve the problem and find your answer in the decoder. Each time your answer occurs in the decoder, write the letter of the problem above it.

1. A number divided by 6 is 3.
_____ (i)
2. Thirty-three more than a number is 55. _____ (h)
3. Claire earned \$270 last week. She worked for 30 hours. How much did she earn per hour? _____ (a)
4. Jon bought 2 items that together cost \$16.95. One item cost \$8.95. What was the cost of the other item? _____ (s)
5. A plane taking off from Perth airport cruises at 9000 metres. A plane taking off 30 minutes later ascends to 200 metres higher. What altitude is the second plane flying at? _____ (r)
6. Thi got 47 on her algebra test. On her French test, she got twice as many marks. What was her mark for the French test? _____ (t)
7. Sarah kicked 15 goals in the 2003 soccer season. In 2002, she kicked 9. How many more goals did she kick in 2003 than in 2002? _____ (e)
8. At the school sports, Jamie ran the 200-metre sprint in 38.75 seconds. John ran it in 39.65 seconds. How much faster did John run this event? _____ (m)
9. A four-person relay team ran a race in 56 seconds. What was the average time for each runner? _____ (l)
10. Three times a certain number is 45. What is the number? _____ (u)
11. A swordfish, one of the fastest swimming of all fish, can swim 4 times as fast as a trout that can swim 27 km per hour. How fast does the swordfish swim? _____ (b)

\$9 \$8 0.9 18 14 6

94 22 \$9 94 108 15 9200 \$8 94 \$8

Why is it best to call a 24-hour mechanic when your car breaks down?

Directions: Find the value of each expression. Then find your answer in the decoder. Each time your answer occurs in the decoder, write the letter of the problem above it.

1. $(84 \div 4) \div 3 =$ _____ (w)

3. $72 \div 8 \times 4 \div 2 =$ _____ (n)

5. $2[5(4 + 6) - 2] =$ _____ (l)

7. $3[(18 - 3) + 5(5 + 7)] =$ _____ (y)

9. $\frac{37 + 38}{45 - 42} =$ _____ (a)

11. $(8 - 5)(5 + 2) =$ _____ (o)

2. $12 \div 3 + 12 \div 2 =$ _____ (i)

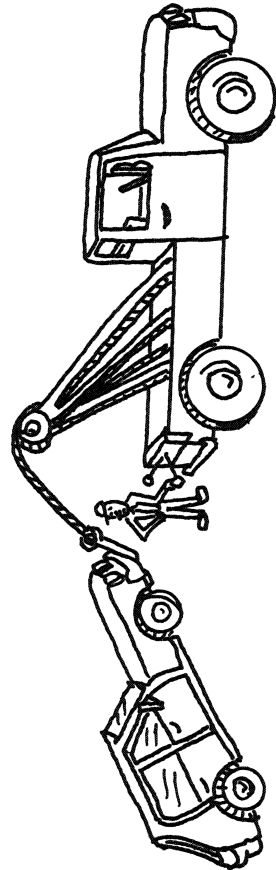
4. $(40 \times 2) - (6 \times 12) =$ _____ (r)

6. $\frac{86 - 11}{9 + 6} =$ _____ (e)

8. $144 \div 16 \times 12 \div 3 =$ _____ (s)

10. $96 \div (12 \times 4) \div 2 =$ _____ (h)

12. $4[2(21 - 17) + 3] =$ _____ (t)



$\frac{44}{25} \frac{1}{96} \frac{1}{7} \frac{5}{225} \frac{8}{25} \frac{5}{18}$

$\frac{25}{96} \frac{7}{25} \frac{225}{36} \frac{21}{18}$

$\frac{44}{1} \frac{5}{10} \frac{8}{8} \frac{44}{21} \frac{7}{36}$