

Why do mummies never tell secrets?



DIRECTIONS: Solve each equation. Find your answer in the decoder. Each time your answer occurs in the decoder write the letter of the problem above it.

Multiply these fractions:

1. $\frac{1}{7} \cdot \frac{1}{7} = \underline{\hspace{2cm}}$ (u)
2. $-3\frac{1}{3} \cdot 1\frac{3}{5} = \underline{\hspace{2cm}}$ (h)
3. $(1\frac{1}{9}) (\frac{17}{30}) = \underline{\hspace{2cm}}$ (g)
4. $3(\frac{3}{5})^2 = \underline{\hspace{2cm}}$ (s)
5. $(\frac{1}{2})^2 = \underline{\hspace{2cm}}$ (o)
6. A peregrine falcon flies at speeds up to 225 mph. A golden eagle flies about two-thirds as fast. How fast does the golden eagle fly? $\underline{\hspace{2cm}}$ (r)

Name the multiplication inverse of each rational number:

7. $\frac{1}{3} = \underline{\hspace{2cm}}$ (k)
8. $-\frac{4}{3} = \underline{\hspace{2cm}}$ (a)
9. $3\frac{1}{5} = \underline{\hspace{2cm}}$ (n)
10. $1.5 = \underline{\hspace{2cm}}$ (y)
11. $\frac{x}{z} = \underline{\hspace{2cm}}$ (l)
12. $2\frac{1}{4} = \underline{\hspace{2cm}}$ (i)

Divide these fractions:

13. $-10 \div \frac{3}{2} = \underline{\hspace{2cm}}$ (p)
14. How many boards each 2 ft 4 in. long can be cut from a board 12 ft long? = $\underline{\hspace{2cm}}$ (e)
15. $4 \div \frac{1}{2} = \underline{\hspace{2cm}}$ (d)
16. $\frac{5}{8} \div (-2) = \underline{\hspace{2cm}}$ (t)
17. Lindsay had $6\frac{1}{4}$ cups of flour on hand to use for cakes she wants to make for the school sale. If the recipe calls for $1\frac{1}{2}$ cups of flour, how many cakes can she make? $\underline{\hspace{2cm}}$ (w)

$-\frac{5}{16}$	$-\frac{1}{3}$	5	$\frac{2}{3}$	$\frac{2}{x}$	$\frac{4}{9}$	3	5	$-\frac{5}{16}$	$\frac{1}{4}$	3	5	5	$-6\frac{2}{3}$		
$-\frac{5}{16}$	$-\frac{1}{3}$	$\frac{4}{9}$	$\frac{5}{16}$	$\frac{17}{27}$	$12\frac{24}{25}$	$\frac{1}{49}$	$\frac{5}{16}$	8	5	150	4	150	$-\frac{3}{4}$	$-6\frac{2}{3}$	$12\frac{24}{25}$