

Operations with Fractions

Solve; please circle your answer ☺

1) $\frac{8}{9} \div \frac{2}{3} =$

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

3) $9 - 1\frac{2}{3} =$

4) $1\frac{1}{2} + 2\frac{1}{3} =$

5) $6\frac{2}{3} + 1\frac{1}{3} =$

6) $2\frac{2}{3} \times 1\frac{1}{4} =$

7) Stacy has $3\frac{3}{4}$ quarts of punch for her birthday party.

She will be pouring the punch into $\frac{1}{4}$ quart glasses.

How many glasses will she be able to fill?

8) A new pair of jeans from the Gap costs \$52.

A new denim jacket costs $\frac{3}{4}$ of that price.

How much does the denim jacket cost?

9) Marsh's big brother is $70\frac{1}{2}$ inches tall, and

Marsh is $\frac{4}{5}$ of his big brother's height.

How many inches tall is Marsh?

10) It takes a computer $\frac{1}{2}$ of a second to compute a math calculation. How many of these calculations can the computer complete in $3\frac{1}{2}$ seconds?

Evaluate if $a = \frac{7}{8}$, $b = \frac{1}{2}$, $c = \frac{1}{4}$, $d = 1\frac{1}{8}$

11) $b^2 - c$

12) $\frac{dc + a}{2}$

13) $c(a - b)$

