

MATH QUIZ

Perform the indicated operations. Show complete solution.

$$1) \frac{3}{6} + \frac{1}{4}$$

$$2) \frac{1}{3} - \frac{4}{6}$$

$$3) \frac{1}{2} + \frac{2}{3} - \frac{1}{5}$$

Answer :

$$1) \frac{3}{6} + \frac{1}{4} = \frac{(3)(4) + (6)(1)}{24}$$

$$= \frac{12 + 6}{24}$$

$$= \frac{18}{24}$$

$$= \frac{6}{8}$$

$$= \frac{3}{4}$$

$$2) \frac{1}{3} - \frac{4}{6} = \frac{(1)(6) - (4)(3)}{18}$$

$$= \frac{6 - 12}{18}$$

$$= \frac{-6}{18}$$

$$= \frac{-1}{3}$$

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Page 1 of 2