

15: Adding and Subtracting Whole Numbers and Proper Fractions

Put your final answer in lowest terms

$$7 - \frac{1}{3} =$$

$$9 + \frac{3}{4} =$$

$$8 - \frac{6}{9} =$$

$$6 - \frac{4}{8} =$$

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$$7 - \frac{1}{3} = \frac{3 \times 7}{3 \times 1} - \frac{1}{3}$$

$$\downarrow$$
$$\frac{21}{3} - \frac{1}{3} = \frac{20}{3} = 6\frac{2}{3}$$

$$9 + \frac{3}{4} = \frac{4 \times 9}{4 \times 1} + \frac{3}{4}$$

$$\downarrow$$
$$\frac{36}{4} + \frac{3}{4} = \frac{39}{4} = 9\frac{3}{4}$$

$$8 - \frac{6}{9} = \frac{9 \times 8}{9 \times 1} - \frac{6}{9}$$

$$\downarrow$$
$$\frac{72}{9} - \frac{6}{9} = \frac{66}{9} \div 3 = \frac{22}{3} = 7\frac{1}{3}$$

$$6 - \frac{4}{8} = \frac{8 \times 6}{8 \times 1} - \frac{4}{8}$$

$$\frac{48}{8} - \frac{4}{8} = \frac{44}{8} \div 4 = \frac{11}{2} = 5\frac{1}{2}$$