



Simple equations 2

Name _____

Date _____

(1) $\frac{5}{3}x + \frac{21}{7} = \frac{5}{2}x + \frac{5}{2}$

(2) $\frac{5}{2}x + \frac{2}{5} = \frac{7}{2}x + \frac{2}{3}$

(3) $\frac{7}{3}x - \frac{7}{3} = \frac{3}{2}x - \frac{2}{3}$

(4) $\frac{15}{2}x - \frac{3}{2} = \frac{5}{2}x + \frac{5}{2}$

(5) $\frac{3}{5}x + \frac{7}{2} = \frac{5}{2}x + \frac{3}{2}$

(6) $\frac{4}{2}x + \frac{3}{5} = \frac{3}{2}x + \frac{2}{7}$

(7) $\frac{7}{2}x + \frac{3}{2} = \frac{5}{2}x + \frac{5}{2}$

(8) $\frac{2}{3}x + \frac{7}{5} = \frac{3}{2}x + \frac{5}{2}$

(9) $\frac{3}{2}x + \frac{3}{7} = \frac{5}{2}x - \frac{2}{3}$

(10) $\frac{9}{2}x - \frac{7}{2} = \frac{3}{2}x - \frac{3}{2}$

(11) $\frac{4}{2}x + \frac{7}{2} = \frac{7}{2}x + \frac{7}{3}$

(12) $\frac{2}{3}x + \frac{6}{2} = \frac{5}{2}x + \frac{2}{3}$

(13) $\frac{7}{5}x - \frac{5}{2} = \frac{7}{2}x - \frac{7}{2}$

(14) $\frac{4}{2}x - \frac{3}{2} = \frac{6}{2}x + \frac{7}{3}$

(15) $\frac{5}{2}x + \frac{3}{2} = \frac{15}{5}x + \frac{2}{3}$

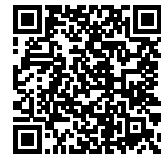
(16) $\frac{4}{2}x - \frac{7}{2} = \frac{5}{2}x - \frac{5}{2}$

(17) $\frac{3}{2}x + \frac{2}{3} = \frac{7}{3}x - \frac{3}{2}$

(18) $\frac{7}{3}x + \frac{5}{2} = \frac{3}{2}x + \frac{3}{2}$

(19) $\frac{5}{2}x - \frac{5}{3} = \frac{3}{2}x - \frac{5}{2}$

(20) $\frac{2}{3}x - \frac{5}{3} = \frac{3}{2}x - \frac{7}{2}$



Answers

$$(1) \quad \frac{3}{5}$$

$$(2) \quad -\frac{4}{15}$$

$$(3) \quad 2$$

$$(4) \quad \frac{4}{5}$$

$$(5) \quad \frac{20}{19}$$

$$(6) \quad -\frac{22}{35}$$

$$(7) \quad 1$$

$$(8) \quad -\frac{33}{25}$$

$$(9) \quad \frac{23}{21}$$

$$(10) \quad \frac{2}{3}$$

$$(11) \quad \frac{7}{9}$$

$$(12) \quad \frac{14}{11}$$

$$(13) \quad \frac{10}{21}$$

$$(14) \quad -\frac{23}{6}$$

$$(15) \quad \frac{5}{3}$$

$$(16) \quad -2$$

$$(17) \quad \frac{13}{5}$$

$$(18) \quad -\frac{6}{5}$$

$$(19) \quad -\frac{5}{6}$$

$$(20) \quad \frac{11}{5}$$