



## Simple equations 2

Name \_\_\_\_\_

Date \_\_\_\_\_

(1)  $\frac{3}{2}x - \frac{7}{2} = \frac{5}{2}x - \frac{10}{2}$

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

(3)  $\frac{7}{3}x - \frac{10}{2} = \frac{3}{2}x - \frac{5}{2}$

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

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

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

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

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

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

(10)  $\frac{5}{3}x + \frac{6}{2} = \frac{9}{3}x + \frac{7}{3}$

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

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

(13)  $\frac{2}{4}x - \frac{7}{5} = \frac{3}{7}x - \frac{3}{2}$

(14)  $\frac{4}{2}x - \frac{2}{5} = \frac{7}{3}x - \frac{3}{7}$

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

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

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

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

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

(20)  $\frac{5}{3}x - \frac{14}{2} = \frac{3}{2}x - \frac{7}{2}$



## Answers

$$(1) \quad \frac{3}{2}$$

$$(2) \quad -\frac{21}{20}$$

$$(3) \quad 3$$

$$(4) \quad -\frac{10}{7}$$

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

$$(6) \quad \frac{46}{21}$$

$$(7) \quad -5$$

$$(8) \quad -\frac{9}{10}$$

$$(9) \quad 11$$

$$(10) \quad \frac{1}{2}$$

$$(11) \quad \frac{3}{5}$$

$$(12) \quad -\frac{3}{8}$$

$$(13) \quad -\frac{7}{5}$$

$$(14) \quad \frac{3}{35}$$

$$(15) \quad \frac{7}{6}$$

$$(16) \quad -\frac{2}{3}$$

$$(17) \quad -\frac{19}{3}$$

$$(18) \quad \frac{5}{4}$$

$$(19) \quad 6$$

$$(20) \quad 21$$