



Simple equations 1

Name _____ Date _____

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

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

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

$$(4) \quad \frac{2}{5}x + \frac{13}{2} = \frac{5}{4}$$

$$(5) \quad \frac{7}{3}x + \frac{11}{2} = \frac{13}{4}$$

$$(6) \quad \frac{10}{5}x - \frac{11}{2} = \frac{7}{25}$$

$$(7) \quad \frac{7}{5}x - \frac{14}{3} = \frac{5}{10}$$

$$(8) \quad \frac{2}{7}x - \frac{3}{2} = \frac{11}{4}$$

$$(9) \quad \frac{4}{3}x - \frac{18}{2} = \frac{11}{6}$$

$$(10) \quad \frac{5}{3}x + \frac{2}{3} = \frac{11}{6}$$

$$(11) \quad \frac{6}{2}x + \frac{4}{7} = \frac{7}{10}$$

$$(12) \quad \frac{2}{3}x + \frac{21}{7} = \frac{5}{14}$$

$$(13) \quad \frac{2}{5}x + \frac{4}{10} = \frac{3}{25}$$

$$(14) \quad \frac{2}{3}x + \frac{14}{7} = \frac{5}{6}$$

$$(15) \quad \frac{14}{7}x + \frac{7}{3} = \frac{11}{35}$$

$$(16) \quad \frac{9}{3}x - \frac{7}{5} = \frac{7}{6}$$

$$(17) \quad \frac{21}{7}x - \frac{6}{3} = \frac{3}{14}$$

$$(18) \quad \frac{5}{3}x - \frac{13}{2} = \frac{7}{4}$$

$$(19) \quad \frac{5}{3}x - \frac{4}{2} = \frac{2}{6}$$

$$(20) \quad \frac{7}{2}x + \frac{6}{2} = \frac{13}{18}$$

$$(21) \quad \frac{15}{5}x - \frac{13}{2} = \frac{3}{4}$$

$$(22) \quad \frac{5}{7}x - \frac{11}{5} = \frac{11}{35}$$

$$(23) \quad \frac{7}{2}x - \frac{13}{5} = \frac{3}{10}$$

$$(24) \quad \frac{5}{7}x - \frac{3}{2} = \frac{2}{6}$$

$$(25) \quad \frac{4}{2}x - \frac{6}{2} = \frac{7}{10}$$

$$(26) \quad \frac{7}{3}x - \frac{11}{3} = \frac{7}{6}$$

$$(27) \quad \frac{2}{5}x - \frac{7}{3} = \frac{5}{6}$$

$$(28) \quad \frac{3}{7}x - \frac{11}{2} = \frac{13}{35}$$

$$(29) \quad \frac{5}{3}x + \frac{7}{9} = \frac{7}{6}$$

$$(30) \quad \frac{10}{5}x + \frac{5}{7} = \frac{13}{21}$$



Answers

(1) $\frac{12}{49}$

(2) $\frac{107}{18}$

(3) $-\frac{7}{5}$

(4) $-\frac{105}{8}$

(5) $-\frac{27}{28}$

(6) $\frac{289}{100}$

(7) $\frac{155}{42}$

(8) $\frac{119}{8}$

(9) $\frac{65}{8}$

(10) $\frac{7}{10}$

(11) $\frac{3}{70}$

(12) $-\frac{111}{28}$

(13) $-\frac{7}{10}$

(14) $-\frac{7}{4}$

(15) $-\frac{106}{105}$

(16) $\frac{77}{90}$

(17) $\frac{31}{42}$

(18) $\frac{99}{20}$

(19) $\frac{7}{5}$

(20) $-\frac{41}{63}$

(21) $\frac{29}{12}$

(22) $\frac{88}{25}$

(23) $\frac{29}{35}$

(24) $\frac{77}{30}$

(25) $\frac{37}{20}$

(26) $\frac{29}{14}$

(27) $\frac{95}{12}$

(28) $\frac{137}{10}$

(29) $\frac{7}{30}$

(30) $-\frac{1}{21}$