

Algèbre, page 15, équations du premier degré à une inconnue : Solutions

1. (a) $S = \{4\}$ (f) $S = \{-48\}$

(b) $S = \{-11\}$ (g) $S = \left\{\frac{2}{3}\right\}$

(c) $S = \left\{\frac{3}{4}\right\}$ (h) $S = \{-3\}$

(d) $S = \left\{-\frac{8}{3}\right\}$ (i) $S = \{-32\}$

(e) $S = \{11\}$ (j) $S = \{-5\}$

2. (a) $S = \{1\}$ (f) $S = \{3\}$

(b) $S = \{-23\}$ (g) $S = \left\{\frac{19}{2}\right\}$

(c) $S = \{-1\}$ (h) $S = \{51\}$

(d) $S = \emptyset$ (i) $S = \{-6\}$

(e) $S = \left\{\frac{111}{16}\right\}$ (j) $S = \left\{-\frac{7}{2}\right\}$

3. (a) $S = \left\{\frac{3}{2}\right\}$ (f) $S = \{3\}$

(b) $S = \{-8\}$ (g) $S = \left\{\frac{87}{239}\right\}$

(c) $S = \{1\}$ (h) $S = \{26\}$

(d) $S = \{11\}$ (i) $S = \left\{-\frac{29}{3}\right\}$

(e) $S = \{8\}$ (j) $S = \left\{\frac{13}{18}\right\}$