Find the distance from point C to point S.
C (–11, 12) S (–2, –6)

a. $\sqrt{402}$
b. $2\sqrt{101}$
c. $\sqrt{410}$
d. $\sqrt{415}$
e. $9\sqrt{5}$
f. $\sqrt{413}$

Find the distance from point H to point S.
H (6, 7) S (1, –12)

a. $\sqrt{393}$
b. $3\sqrt{43}$
c. $\sqrt{382}$
d. $\sqrt{381}$
e. $\sqrt{386}$
f. $\sqrt{377}$

$\triangle ABC$ is a right triangle and $m\angle C = 90^0$. AC = 10 m and BC = 8 m Find the measure of AB.

a. $4\sqrt{10}$ m
b. $9\sqrt{2}$ m
c. $\sqrt{159}$ m
d. $\sqrt{154}$ m
e. $3\sqrt{19}$ m
f. $2\sqrt{41}$ m

$\triangle ABC$ is a right triangle and $m\angle C = 90^0$. AC = 18 ft and BC = 12 ft Find the measure of AB.

a. $\sqrt{467}$ ft
b. $3\sqrt{51}$ ft
c. $\sqrt{461}$ ft
d. $\sqrt{465}$ ft
e. $6\sqrt{13}$ ft
f. $\sqrt{462}$ ft

Simplify $2\sqrt{8505}$

a. $18\sqrt{210}$
b. $18\sqrt{105}$
c. $54\sqrt{105}$
d. $18\sqrt{35}$
e. $18\sqrt{15}$
f. $90\sqrt{21}$

Simplify $6\sqrt{840}$

a. $12\sqrt{70}$
b. $12\sqrt{210}$
c. $48\sqrt{105}$
d. $12\sqrt{42}$
e. $72\sqrt{35}$
f. $12\sqrt{30}$

Simplify $\sqrt{165} \times \sqrt{441}$

a. $63\sqrt{55}$
b. $21\sqrt{15}$
c. $21\sqrt{165}$
d. $63\sqrt{165}$
e. $3\sqrt{1155}$
f. $105\sqrt{33}$

Simplify $\sqrt{1000} \times \sqrt{54}$

a. $60\sqrt{30}$
b. $60\sqrt{3}$
c. $30\sqrt{10}$
d. $300\sqrt{6}$
e. $60\sqrt{15}$
f. $20\sqrt{15}$