

Name _____

Rational and Irrational Numbers

Multiply the following numbers.

(1) $3\sqrt{5}$ and $2\sqrt{5}$	(2) $6\sqrt{15}$ and $4\sqrt{3}$
(3) $2\sqrt{6}$ and $3\sqrt{3}$	(4) $3\sqrt{8}$ and $3\sqrt{2}$
(5) $\sqrt{10}$ and $\sqrt{40}$	(6) $3\sqrt{28}$ and $2\sqrt{7}$
(7) $(3 + \sqrt{11})$ and $(3 - \sqrt{11})$	(8) $(3 - \sqrt{3})$ and $(3 - \sqrt{3})$