Name: _____

Associative Property of Multiplication

Use the associative property to fill the missing values.

1) (2 × 3) × __ = 4 × (__ × 2)

2) (__ × 8) × 6 = (9 × __) × 8

3) (2 × __) × 4 = (9 × __) × 2

4) 3 × (__ × 5) = (5 × 2) × __

5) __ × (5 × 6) = 6 × (3 × __)

6) __ × (5 × 7) = (__ × 4) × 7

7) 4 × (8 × __) = 8 × (3 × __)

8) (2 × 7) × __ = 1 × (__ × 7)

For Personal and Educational Use Only

Associative Property of Multiplication

Use the associative property to fill the missing values.

1) (2 × 3) × <u>4</u> = 4 × (<u>3</u> × 2)

2) (<u>9</u> × 8) × 6 = (9 × <u>6</u>) × 8

3) (2 × <u>9</u>) × 4 = (9 × <u>4</u>) × 2

4) 3 × (<u>2</u> × 5) = (5 × 2) × <u>3</u>

5) <u>3</u> × (5 × 6) = 6 × (3 × <u>5</u>)

6) <u>4</u> × (5 × 7) = (<u>5</u> × 4) × 7

7) 4 × (8 × <u>3</u>) = 8 × (3 × <u>4</u>)

8) (2 × 7) × <u>1</u> = 1 × (<u>2</u> × 7)