

Midterm Review 2018 - Unit 1

Name the set or sets to which each number belongs.

1) $\sqrt{84}$

- A) Irrational
- B) Integer, Rational
- C) Rational
- D) Natural, Whole, Integer, Rational

2) $\frac{19}{5}$

- A) Natural, Whole, Integer, Rational
- B) Rational
- C) Whole, Integer, Rational
- D) Irrational

3) -1

- A) Integer
- B) Whole, Integer, Rational
- C) Natural, Whole, Integer, Rational
- D) Integer, Rational

4) 14

- A) Whole, Integer, Rational
- B) Irrational
- C) Natural, Whole, Integer, Rational
- D) Integer, Rational

5) 8.7

- A) Rational
- B) Integer, Rational
- C) Natural, Whole, Integer, Rational
- D) Whole, Integer, Rational

6) 0

- A) Natural, Whole, Integer, Rational
- B) Irrational
- C) Rational
- D) Whole, Integer, Rational

7) -12

- A) Rational
- B) Whole, Integer, Rational
- C) Integer, Rational
- D) Irrational

8) $\sqrt{8}$

- A) Irrational
- B) Natural, Whole, Integer, Rational
- C) Whole, Integer, Rational
- D) Rational

9) 1

- A) Rational
- B) Natural, Whole, Integer, Rational
- C) Integer, Rational
- D) Whole, Integer, Rational

10) 6

- A) Natural, Whole, Integer, Rational
- B) Whole, Integer, Rational
- C) Rational
- D) Irrational

11) -12

- A) Irrational
- B) Integer, Rational
- C) Natural, Whole, Integer, Rational
- D) Whole, Integer, Rational

12) $\frac{9}{10}$

- A) Rational
- B) Natural, Whole, Integer, Rational
- C) Integer, Rational
- D) Irrational

Find each product.

13) $7 \cdot -1 \cdot -6$

-42

14) $-4 \cdot -6 \cdot -2$

-48

15) $5 \cdot -5 \cdot -2$

50

16) $-4 \cdot 3 \cdot -4$

48

17) $-5 \cdot 6 \cdot -5$

150

18) $-7 \cdot -6 \cdot -7$

-294

Evaluate each expression.

19) $-6 + 8 + +7$

$2 + 7 = 9$

20) $-7 + +2 - 5$

$-5 - 5 = -10$