# Geometry

#### Section 1.1 - 1.4 Review

#### Choose the best answer.

#### Refer to the figure for Exercises 1 and 2.



- Which represents the name of the ray whose endpoint is K and that passes through R?
  - A RK

C KS

BKT

- DRK
- In the diagram, how many different rays have endpoint R?
  - F 1

H 3

# Refer to the figure for Exercises 3 and 4.



- 3. Which line contains points S and U?
  - A line m
- C line p

- B line n
- D 57
- 4. In the diagram, how many different segments can be named?
  - F 0

H 2

G 1

J 3

# Refer to the figure for Exercises 5 and 6.



- 5. What is MP?
  - A 1 B 2

- C 4
- What is LP?
  - F -7.5

H 2.5

G -2.5

J 7.5

- B is the midpoint of AC. AB = 8v, and AC = 2v + 42. What is BC?
  - F 24

H 56

G 48

- J 168
- 9. An angle whose measure is 70° is what type of angle?
  - A acute
- C obtuse

B right

- D straight
- GJ bisects ∠FGH, m∠FGJ = (7x − 9)°, and m∠HGJ = (2x + 36)°. What is m∠FGH?
  - F 43

H 86"

G 54"

- J 108"
- 11. An angle measuring 22° is bisected. What is the measure of the angles that are formed?
  - A 11"

C 331

B 22"

- D 44"
- Which angle forms a linear pair with ∠MPS?



- F ZRPN
- H ZMPJ
- G ZRPM
- J MPK
- 13. If m∠Q = (8x 40)\*, what is the measure of its supplement?
  - A  $(130 8x)^{\circ}$
- C 90"
- B (220 8x)"
- D 180°

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Joacim Rocklöv

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