

ALL ABOUT ANGLES

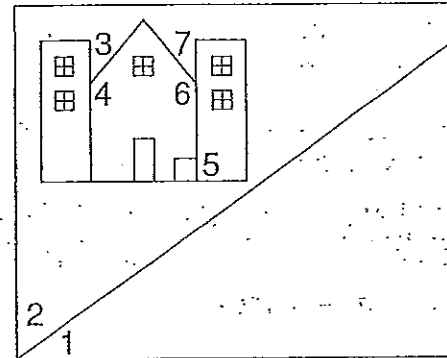
Write the correct answer.

The drawing shows a scene on a calendar.

1. $\angle 1$ and $\angle 2$ are complementary angles. If $\angle 1$ measures 35° , what is the measure of $\angle 2$?

2. $\angle 3$ and $\angle 4$ are supplementary angles. If $\angle 3$ measures 50° , what is the measure of $\angle 4$?

3. Which angle is an obtuse angle: $\angle 6$ or $\angle 7$?

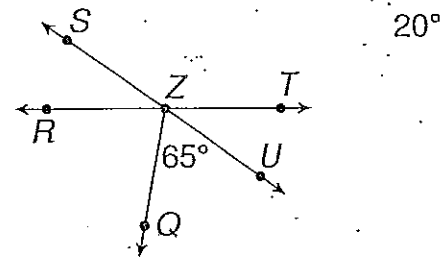


4. Which angle labeled on the drawing is a right angle?

Choose the letter for the correct answer.

The drawing shows the path a player runs to cross a sports field.

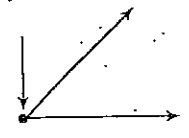
5. Which of the following could be the measures of $\angle TZU$ and $\angle QZR$?
- A $m\angle TZU = 55^\circ$ and $m\angle QZR = 55^\circ$
 B $m\angle TZU = 25^\circ$ and $m\angle QZR = 90^\circ$
 C $m\angle TZU = 80^\circ$ and $m\angle QZR = 100^\circ$
 D $m\angle TZU = 35^\circ$ and $m\angle QZR = 80^\circ$
6. If $\angle RZS$ measures 35° , what is the measure of $\angle SZT$?
- F 155°
 G 145°
 H 55°
 J 45°



7. $\angle A$ and $\angle B$ are complementary angles. The measure of $\angle B$ is 4 times the measure of $\angle A$. What are the measures of the angles?
- A $m\angle A = 16^\circ$ and $m\angle B = 64^\circ$
 B $m\angle A = 18^\circ$ and $m\angle B = 72^\circ$
 C $m\angle A = 36^\circ$ and $m\angle B = 144^\circ$
 D $m\angle A = 45^\circ$ and $m\angle B = 135^\circ$
8. The hands of a clock form an acute angle at 1:00. What type of angle do they form at 4:00?
- F acute
 G right
 H obtuse
 J straight

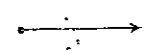
Draw lines to match each term with the correct figure. Each figure has a corresponding letter. Use the letters to solve the riddle.

1. complementary angles



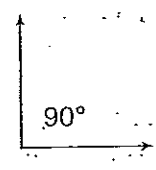
E

2. right angle



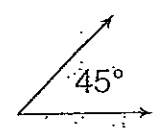
O

3. ray



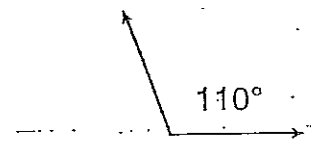
S

4. supplementary angles



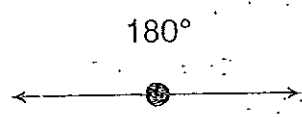
G

5. vertex



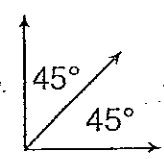
U

6. obtuse angle



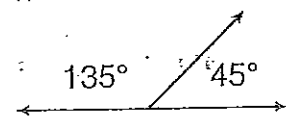
R

7. acute angle



N

8. straight angle



T

Who performs operations in the fish hospital?

The _____

