1) Solve this equation: n + n + n + n = 5 + 5 + 2

2) Which is the expression?

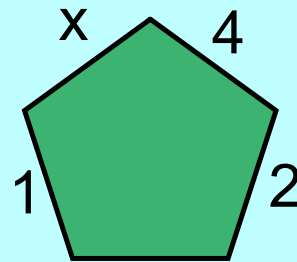   k - 3 =8 OR 5n

3) The perimeter of a square is 16 cm. Write an equation to find the side length of the square.

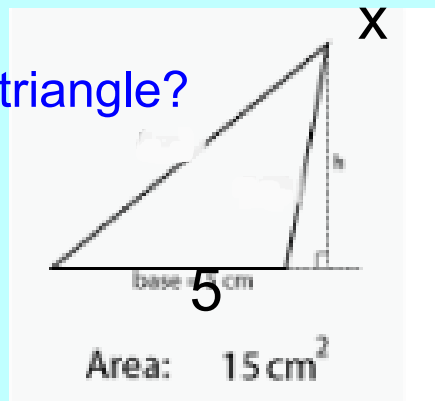4) 2m + 1 = 13, m= ?

5) The perimeter of a shape is 19 cm. X

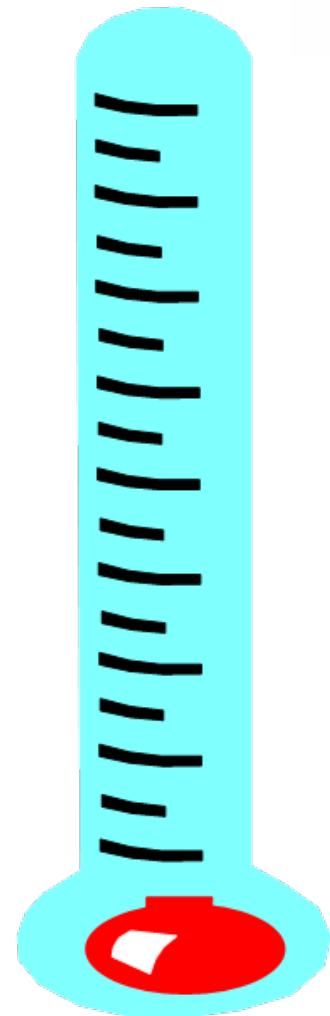Find the value of x.

1   2

6) 10% of 32

7) (-7) - (+3) =

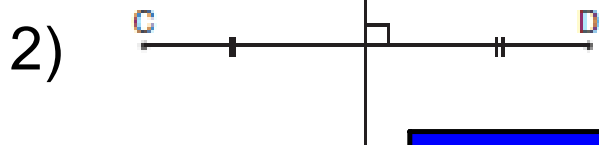8) What is the height of the triangle?

base 5 cm

Area: $15\,cm^2$

Overnight, the temperature dropped 8°C to −3°C.

a) Write an equation you can solve
   to find the original temperature.

Pop Quiz: Print the name and/or fill in the blank...

1) A ———————— B

bisect
parallel lines
perpendicular
bisector
perpendicular bisector

2) C ———————— D

3) Two line segments are **perpendicular** if they intersect at right angles.

{ 4) When you draw [____] to divide a line segment into two equal parts, you **bise**[____]ent.

5) The line you drew is a **bisector** of the segment.

6) When the bise[_____]les to the segment, the line is the **perpendicular bisector** of the segment.

7) **Parallel lines** are lines on the same flat surface that never meet.

308   UNIT 8: Geometry — β ques. 1a

8.3 Constructing Perpendicular Bisectors   309

ques. 2, 3, 5, 6, 8

+ worksheet.

9

||

#3- you do <u>NOT</u>
have to draw
the circle, just
construct the
quadrilateral.

Note that any point on the perpendicular bisector of a line segment is the same distance from the endpoints of the segment.

7cm

7cm

R   7cm   S

7cm

1

7cm 2

3

7cm

4

7cm

pretend
90°