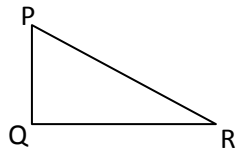Name: _____   Date _____

Topic: _Pythagorean Theorem Related Pack - Worksheet 1_
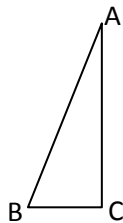
1.   Jonny walks 5 km south and then 4 km east. How far is he from his starting point?

2.   Honey rides her car 12 km east and then 8 km south. How far is she from her
        starting point?

3.   If one leg of a right triangle is 18 inches long and the other leg is 20 inches. Determine
        the length of the hypotenuse.

4.   Donny rides his car 9 km north and then 5 km west. How far is he from his starting
        point?

5.   A child is playing with a toy which is in the shape of right angle triangle. One arm of
        toy is 15 inches and the other is 10 inches. Evaluate the third arm of the toy?
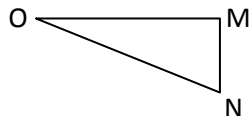
6.
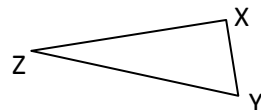

        PQ = 5 ,QR = 6 AND PR = x   FIND x

7.

        BA = 9 ,BC = 12 AND AC = x   FIND x

8.

        MN = 3 ,MO = 4 AND ON = x   FIND x
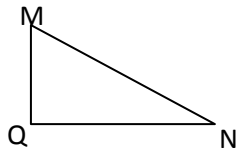
9.

        XY = 5 ,ZX = 9 AND ZY = x   FIND x

Name: _____   Date _____

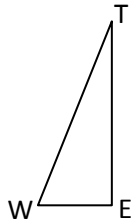Topic: _Pythagorean Theorem Related Pack – Worksheet 2_

1. John walks 10 km south and then 8 km east. How far is he from his starting point?

2. Huffman rides her car 15 km east and then 10 km south. How far is she from her starting point?

3. If one leg of a right triangle is 25 inches long and the other leg is 18 inches. Determine the length of the hypotenuse.

4. Davis rides his car 12 km north and then 7 km west. How far is he from his starting point?

5. A child is playing with a toy which is in the shape of right angle triangle. One arm of toy is 20 inches and the other is 15 inches. Evaluate the third arm of the toy?
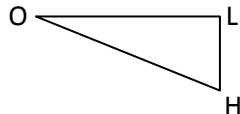
6.

MQ = 7 ,QN = 9 AND MN = x   FIND x

7.

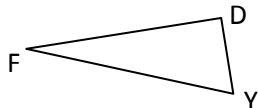TW = 15 ,WE = 10 AND TE = x   FIND x

8.

LH = 5 ,LO = 13 AND OH = x   FIND x

9.

DY = 11 ,FD = 8 AND FY = x   FIND x
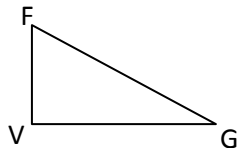
Name: _____   Date _____

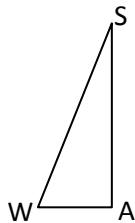Topic: _Pythagorean Theorem Related Pack – Worksheet 3_

1.   Harry walks 13 km south and then 7 km east. How far is he from his starting point?

2.   Jon rides her car 9 km east and then 6 km south. How far is she from her starting point?

3.   If one leg of a right triangle is 28 inches long and the other leg is 19 inches. Determine the length of the hypotenuse.

4.   Kenny rides his car 19 km north and then 9 km west. How far is he from his starting point?

5.   A child is playing with a toy which is in the shape of right angle triangle. One arm of toy is 35 inches and the other is 15 inches. Evaluate the third arm of the toy?
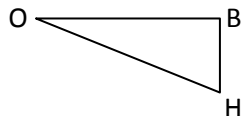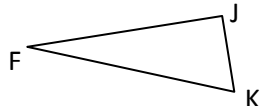
6.

$FV = 14$,$VG = 10$ AND $FG = x$ FIND x

7.

$SW = 16$,$WA = 11$ AND $SA = x$ FIND x

8.

$BH = 8$,$BO = 4$ AND $OH = x$ FIND x
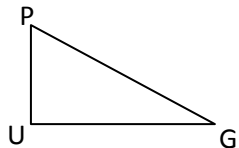
9.

$JK = 24$,$FJ = 17$ AND $FK = x$ FIND x

Name: _____   Date _____

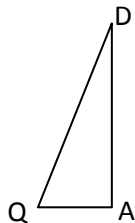Topic: _Pythagorean Theorem Related Pack - Worksheet 4_

1. Harry walks 18 km south and then 8 km east. How far is he from his starting point?

2. Jon rides her car 19 km east and then 16 km south. How far is she from her starting point?

3. If one leg of a right triangle is 25 inches long and the other leg is 13 inches. Determine the length of the hypotenuse.

4. Kenny rides his car 21 km north and then 7 km west. How far is he from his starting point?

5. A child is playing with a toy which is in the shape of right angle triangle. One arm of toy is 28 inches and the other is 17 inches. Evaluate the third arm of the toy?
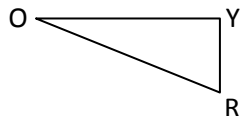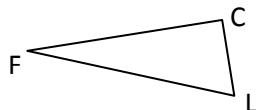
6.

PU = 24 ,UG = 15 AND PG = x   FIND x

7.

DQ = 14 ,QA = 9 AND DA = x   FIND x

8.

YR = 10 ,YO = 12 AND OR = x   FIND x

9.

CL = 32 ,FC = 19 AND FL = x   FIND x

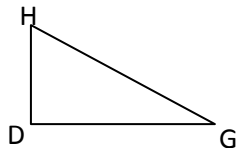Name: _____   Date _____

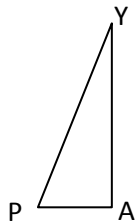Topic: _Pythagorean Theorem Related Pack - Worksheet 5_

1. Lee walks 26 km south and then 13 km east. How far is he from his starting point?

2. Leena rides her car 21 km east and then 14 km south. How far is she from her starting point?

3. If one leg of a right triangle is 28 inches long and the other leg is 16 inches. Determine the length of the hypotenuse.

4. Justin rides his car 32 km north and then 9 km west. How far is he from his starting point?

5. A child is playing with a toy which is in the shape of right angle triangle. One arm of toy is 36 inches and the other is 21 inches. Evaluate the third arm of the toy?
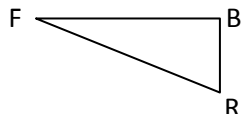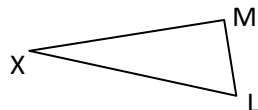
6.

HD = 14 ,DG = 12 AND HG = x   FIND x

7.

YP = 26 ,PA = 20 AND YA = x   FIND x

8.

BR = 14 ,BF = 19 AND FR = x   FIND x

9.

ML = 36 ,XM = 17 AND XL = x   FIND x