Pre - Test Review Name_____ ID: 1

Unit Test on December 15th

Date_____ Period____

Find each square root.

1) $\sqrt{9}$

2) $\sqrt{16}$

3) $\sqrt{0}$

4) $\sqrt{1}$

5) $\sqrt{4}$

6) $\sqrt{36}$

7) $\sqrt{49}$

8) $\sqrt{121}$

9) $\sqrt{25}$

10) $\sqrt{81}$

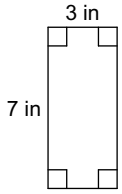
11) $\sqrt{100}$

12) $\sqrt{64}$

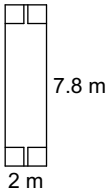
13) $\sqrt{144}$

Find the area of each.

14)



15)



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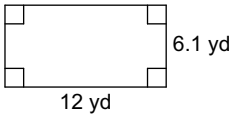

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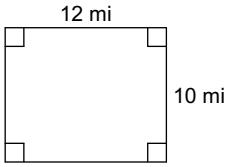

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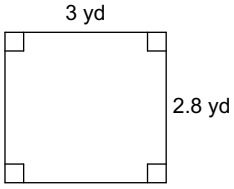

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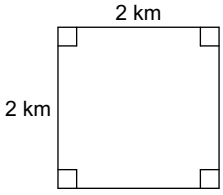

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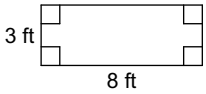

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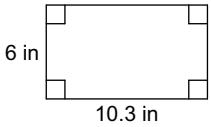

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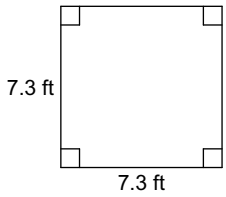

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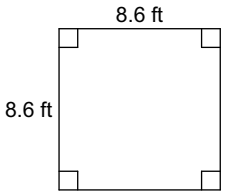

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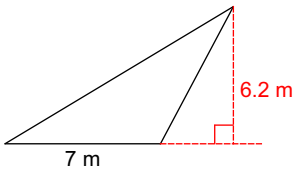

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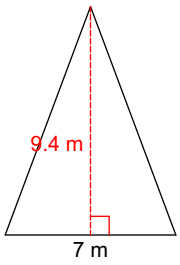

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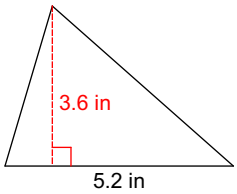
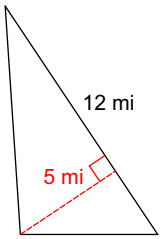


27)



Simplify. Your answer should contain only positive exponents.

28) $(2r^4)^2$

29) $(7n)^4$

Find each square root. Round to the nearest whole number.

30) $-\sqrt{173}$

31) $-\sqrt{41}$

32) $-\sqrt{47}$

33) $-\sqrt{139}$

34) $\sqrt{37}$

35) $\sqrt{147}$

36) $\sqrt{196}$

37) $-\sqrt{32}$

38) $-\sqrt{167}$

39) $-\sqrt{2}$

40) $-\sqrt{113}$

Answers to Unit Test on December 15th (ID: 1)

1) 3
2) 4
3) 0
4) 1
5) 2
6) 6
7) 7
8) 11
9) 5
10) 9
11) 10
12) 8
13) 12
14) 21 in²
15) 15.6 m²
16) 73.2 yd²
17) 120 mi²
18) 8.4 yd²
19) 4 km²
20) 24 ft²
21) 61.8 in²
22) 53.29 ft²
23) 73.96 ft²
24) 21.7 m²
25) 32.9 m²
26) 9.36 in²
27) 30 mi²
28) $4r^8$
29) $2401n^4$
30) −13
31) −6
32) −7
33) −12
34) 6
35) 12
36) 14
37) −6
38) −13
39) −1
40) −11