8) a)
$$2x^{2}-18y^{2}$$
 $2(x^{2}+9y^{2})$
 $(x^{2}+9y^{2})$
 $(x^{2}+9y^{2})$
 $(x^{2}-4x^{2})^{2}=x^{2}-6xy+9y^{2}$
 $(x^{2}+2y^{2})^{2}$

b) $x^{2}-4y-12$

$$(x^{2}+2x^{2}-6x^{2}-12)$$

$$(x^{2}-4x^{2}-12)$$

7)
$$\angle C = 96^{\circ}$$
 $\angle B = 42.5$
 $C = 5 \text{ cm}$

8 47.5°
A
C
C
So
Since

For $C \angle -90^{\circ}$
 $Q^{2} = b^{2} + C^{2}$
 $\angle C + \angle B + \angle A = 180^{\circ}$
 $A = 47.5^{\circ}$

1. $A = 47.5^{\circ}$

2. $A = 47.5^{\circ}$

2. $A = 47.5^{\circ}$

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