

<p># <u>7</u> P. 137</p>	<p># <u>12</u> A (I think they meant the sum)</p>	<p># <u>13</u> H</p>
<p># <u>14</u> C</p>	<p># <u> </u> P. 232 # 7, 14-23</p> <div style="border: 1px solid black; padding: 5px;"> <p># 7. (2,4), (2,5), (2,6), (3,3), (3,4), (3,5), (3,6) (3,7), (4,3), (4,4), (4,5), (4,6), (4,7), (4,8)</p> </div>	<p># <u> </u> work for # 7 ⑦ 5, x, y $1 < x < 5$ $2 < y < 9$ <u>integers</u> x's 2, 3, 4 y's 3, 4, 5, 6, 7, 8 5, 2, if x is 2 $3 < y < 7$ x y = 4, 5, 6 (2,4) (2,5) (2,6)</p>
<p># <u>14</u> 5m 16in $11 \frac{1}{in} < x < 21in$</p>	<p># <u>15</u> $5m < x < 41m$</p>	<p># <u> </u> if x = 3 5, 3 $2 < y < 8$ y = 3, 4, 5, 6, 7 (3,3), (3,4), (3,5), (3,6), (3,7) if x = 4 5, 4 $1 < y < 9$ y = 3, 4, 5, 6, 7, 8 (4,3), (4,4), (4,5), (4,6), (4,7), (4,8)</p>
<p># <u>16</u> $151km < x < 55km$</p>	<p># <u>17</u> Put computer @ corner that forms the right angle.</p>	<p># <u>18</u> LD, LC, LE</p>

19
 $\angle G, \angle H, \angle J$

20
 $\overline{FH}, \overline{GF}, \overline{GH}$

21
 $\overline{TU}, \overline{UV}, \overline{TV}$

22
 $\overline{AC}, \overline{AB}, \overline{BC}$


23
 $\overline{YZ}, \overline{XZ}, \overline{XY}$

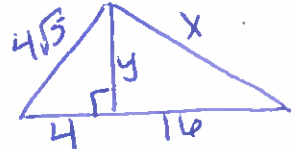
 p. 428
 9-11, 15-17,
 20, 21, 23-25

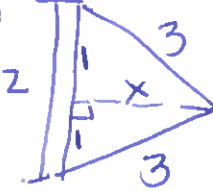
9
 NO
 $19^2 + 20^2 \neq 28^2$

10
 NO
 $8^2 + 24^2 \neq 25^2$

11
 Yes
 $33^2 + 56^2 = 65^2$

15
 $24^2 + x^2 = 26^2$
10

 BC isosceles Δ height
 splits base

16
8\sqrt{5}

 $4^2 + y^2 = (4\sqrt{5})^2$
 $16 + y^2 = 80$
 $y^2 = 64$
 $y = 8$
 $8^2 + 16^2 = x^2$
 $x = 8\sqrt{5}$

17
2\sqrt{2}

 $1^2 + x^2 = 3^2$
 $1 + x^2 = 9$
 $\sqrt{x^2} = \sqrt{8}$
 $x = 2\sqrt{2}$

20

84

Leg.
 $13^2 + x^2 = 85$
 $x = 84$

21

35

$17^2 + x^2 = 37$
 $x = 35$

23

Obtuse

3^2 $2^2 + \sqrt{3}^2$
 9 $4 + 3$
 $9 > 7$ obtuse

24

right

3, 4, 5 tripple
 multiplied by 10
 Right Δ
 $50^2 = 30^2 + 40^2$ ✓ right

25

acute

4^2 $\sqrt{11}^2 + \sqrt{7}^2$
 16 $11 + 7$
 $16 < 18$ Acute

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