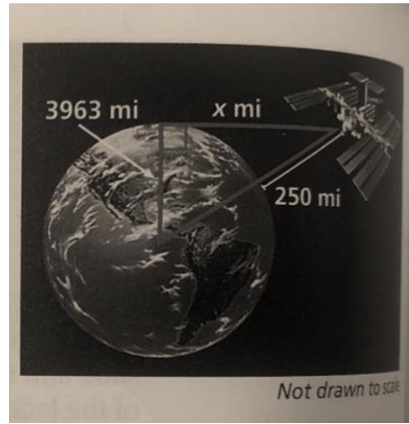


Special Right Triangles Classwork

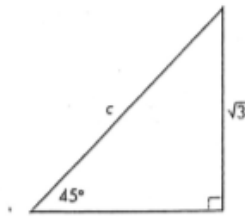
- ① The International Space Station orbits at an altitude of about 250 miles above Earth's surface. The radius of Earth is approximately 3963 miles. How far can an astronaut in the space station see to the horizon? Round to the nearest mile.



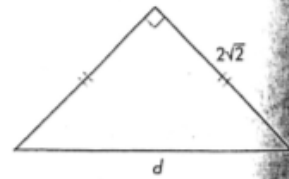
- ② What is the area of the triangle?



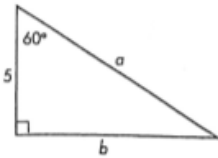
- ③ $c = ?$



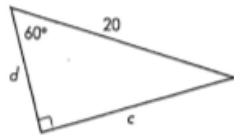
- ④ $d = ?$



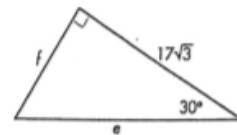
- ⑤ $a = ?$ $b = ?$



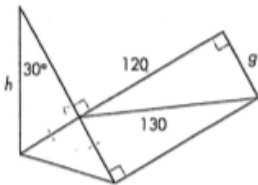
- ⑥ $c = ?$ $d = ?$



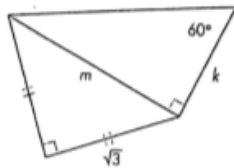
- ⑦ $e = ?$ $f = ?$



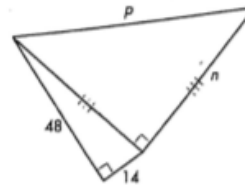
- ⑧ $g = ?$ $h = ?$



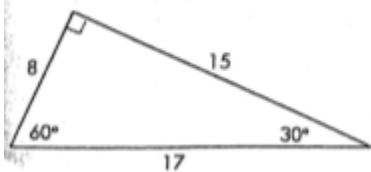
- ⑨ $k = ?$ $m = ?$



- ⑩ $n = ?$ $p = ?$



- ⑪ What's wrong with this picture?



- ⑫ Which triangle has the greater area? Explain.

