Direct and Inverse Proportions: Worksheet -2

1. A vertical pole of 5.6m height casts a shadow 3.2m long. At the same time find (i) the length of the shadow cast by another pole 10.5m high (ii) the height of a pole which casts a shadow 5m long.

2. A loaded truck travels 14km in 25 minutes. If the speed remains the same, how far can it travel in 5 hours?

3. If the weight of 12 sheets of thick paper is 40grams, how many sheets of the same paper would weigh $16\frac{2}{3}$ kilograms?