

Activity: Haulage rates

To convert **tonnes to m³**, use the following formula.

1.0 tonne = 0.8700 m³ (Note: m³ per tonne will vary, depending on species weight)

So 30 tonnes = 30 x 0.8700 = 26.1 m³

To convert **m³ to tonnes**, use the following formula.

0.8700 m³ = 1.0 tonne

So 30 m³ = 30 ÷ 0.8700 tonnes = 43.48 tonnes

Answer the following questions and show your working out.

1. How many m³ in 4 tonnes?
2. How many m³ in 3.2 tonnes?
3. How many tonnes in 43m³?
4. How many tonnes in 52m³?

The base haulage rate is \$3.30 per tonne per km (\$/tonne/km) on road Class A.

5. The rate for haulage on road Class B is 123% of haulage on road Class A. What is the rate for haulage Class B?
6. The rate for haulage on Road Class C is 175% of haulage on road Class A. What is the rate for haulage Class C?

Use the information provided on the previous page to work out the answers to the following questions.

7. What is the rate for hauling 38 tonne of timber along an A Class road for 235km?
8. What is the rate for hauling 37 tonne of timber along a C Class road for 66km?
9. What is the payment for hauling 32m^3 of log on a B Class road for 128 kms?
10. What is the rate for hauling 43m^3 of log on a C Class road for 402km?
11. What is the payment for hauling 36m^3 of timber on a B Class road for 378km?
12. What is the payment for hauling 39m^3 of timber along a C Class road for 58km, followed by 178km along a B Class road?