

Basic Units Practice #2

1. What do we call the instrument to the right?
2. What is the reading shown?
3. What is the Litre a unit of?
4. Estimate the length of a normal new pencil:
5. How heavy is a fully grown African elephant?
6,000 kg 600 kg 60 kg 6 kg
6. What is 4.6 km in m?
7. What is 560 mm in cm?
8. What is 680 g in kg?
9. What is 95 mg in g?
10. What is 500 cm³ in mL?
11. What is 140 seconds in minutes?
12. What is 6.4 hours in minutes?
13. What is a quarter of a minute in seconds?
14. How many hours, as a decimal, is 315 minutes?
15. How many lots of 45 minutes are there in 6 hours?
16. How long is it from 3:24 a.m. to 5:48 a.m.?
17. How long is it from 7:10 a.m. to 9:50 p.m.?
18. What is the time six hours before 2:50 p.m.?
19. What is mid-day in 24 hour time?
20. What is 0015 in normal time?



Answers: Basic Units Practice #2

Note: don't leave out units

1. What do we call the instrument to the right? **Thermometer**
2. What is the reading shown? **25°C or 25.5°C**
3. What is the Litre a unit of? **Volume or Capacity**
4. Estimate the length of a normal new pencil: **about 150 mm (15 cm)**
5. How heavy is a fully grown African elephant? **6000 kg (6 tonnes)**
6,000 kg 600 kg 60 kg 6 kg
6. What is 4.6 km in m? **4600 m**
7. What is 560 mm in cm? **56 cm**
8. What is 680 g in kg? **0.680 kg (or 0.68 kg)**
9. What is 95 mg in g? **0.095 g**
10. What is 500 cm³ in mL? **500 mL**
11. What is 140 seconds in minutes? $\frac{140}{60} = 2\frac{20}{60} = 2\frac{1}{3}$ or **2.33 minutes**
12. What is 6.4 hours in minutes? **6.4 × 60 = 384 minutes** (note 6.4 hours is not 6h 40m)
13. What is a quarter of a minute in seconds? **15 seconds**
14. How many hours, as a decimal, is 315 minutes? **315 ÷ 60 = 5.25 minutes**
15. How many lots of 45 minutes are there in 6 hours? **6 × 60 ÷ 45 = 8 lots**
16. How long is it from 3:24 a.m. to 5:48 a.m.? **2 hours 24 minutes (144 minutes)**
17. How long is it from 7:10 a.m. to 9:50 p.m.? **14 hours 40 minutes**
18. What is the time six hours before 2:50 p.m.? **8:50 a.m.**
19. What is mid-day in 24 hour time? **12:00 or 1200 (hours)**
20. What is 0015 in normal time? **12:15 a.m. (a quarter past midnight)**

