

Routine Units Practice #2

1. What do we call the instrument to the right?
2. What is the reading shown?
3. What sort of day would have a reading like that?
4. Estimate how thin a house key is:
5. How heavy is a typical scientific calculator?
6. What is 0.06 m in mm?
7. What is 1560 m in km?
8. What is 1 m^2 in cm^2 ?
9. What is 15 cm^3 in L?
10. For a measurement of "55 m" what can I assume the actual length is between?
11. I measure a field as 240 metres long to the nearest 10 metres, how long might it actually be?
12. What is 20 seconds in minutes?
13. What is 1.5 hours in minutes?
14. What is three-quarters of a minute in seconds?
15. How many hours, as a decimal, is 200 minutes?
16. How many lots of 40 minutes are there in 8 hours?
17. How long is it from 8:24 a.m. to 10:18 a.m.?
18. What is the time four and a half hours before 2:50 p.m.?
19. What is 3 a.m. in 24 hour time?
20. What is 23:30 in normal time?



Answers: Routine 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? about **25°C (ignore °F, only the USA uses that)**
3. What sort of day would have a reading like that? **pleasant day, not too hot**
4. Estimate how thin a house key is: **about 2 mm**
5. How heavy is a typical scientific calculator? **about 75 grams**
6. What is 0.06 m in mm? **60 mm**
7. What is 1560 m in km? **1.56 km**
8. What is 1 m² in cm²? **100 cm × 100 cm = 10,000 cm²**
9. What is 15 cm³ in L? = **15mL = 0.015 L**
10. For a measurement of "55 m" what can I assume the actual length is between? **between 54.5 m and 55.5 m**
11. I measure a field as 240 metres long to the nearest 10 metres, how long might it actually be? **between 235 m and 245 m**
12. What is 20 seconds in minutes? **0.333 min (= 1/3 min)**
13. What is 1.5 hours in minutes? **1.5 × 60 = 90 minutes**
14. What is three-quarters of a minute in seconds? **3/4 × 60 = 45 seconds**
15. How many hours, as a decimal, is 200 minutes? **200 ÷ 60 = 3.33 hours**
16. How many lots of 40 minutes are there in 8 hours? **8 × 60 ÷ 40 = 12**
17. How long is it from 8:24 a.m. to 10:18 a.m.? **1 hour 54 minutes (114 minutes)**
18. What is the time four and a half hours before 2:50 p.m.? **10:20 a.m.**
19. What is 3 a.m. in 24 hour time? **03:00 or 0300 (hours)**
20. What is 23:30 in normal time? **11:30 p.m. (half an hour before midnight)**

