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 m² in cm²? ............................................................  
9. What is 15 cm³ 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 (≈ ⅓ min)**

13. What is 1.5 hours in minutes? **1.5 × 60 = 90 minutes**

14. What is three-quarters of a minute in seconds? **¾ × 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)**