

Basic Units Practice #3

1. What is the reading shown on the top dial?
.....

2. What is the reading shown on the bottom dial?
.....

3. How much does a litre of milk weigh?
.....

4. About how long is a full size soccer field:

5. How heavy is a typical Panadol tablet: 500g, 50g, 5g, 0.5g or 0.05g?

6. What is 6 mm in cm?

7. What is 3.6 km in m?

8. What is 680 mg in g?

9. What is 0.04 Volts in milliVolts?

10. What is 2000 cm³ in Litres?

11. What is 310 seconds in minutes?

12. What is 2.1 hours in minutes?

13. What is a two and a half minutes in seconds?

14. How many minutes longer is 3.4 hours than 3.2 hours?

15. How many lots of 8 seconds are there in 4 minutes?

16. How long is it from 1:24 p.m. to 8:20 a.m.?

17. How long is it from 19:35 to 00:10?

18. What time is it three and a half hours before 9:50 p.m.?

19. What is half past four in the afternoon in 24 hour time?

20. What is 1425 in normal time?



Answers: Basic Units Practice #3

Note: don't leave out units

1. What is the reading shown on the top dial?

about 135 microamps

2. What is the reading shown on the bottom dial?

about 40%

3. How much does a litre of milk weigh?

almost exactly 1 kg

4. About how long is a full size soccer field: **100 m**

5. How heavy is a typical Panadol tablet: **0.5 g = 500 mg**

6. What is 6 mm in cm? **0.6 cm**

7. What is 3.6 km in m? **3600 m**

8. What is 680 mg in g? **0.68 g**

9. What is 0.04 Volts in milliVolts? **40 mV**

10. What is 2000 cm³ in Litres? **2000 mL = 2 L**

11. What is 310 seconds in minutes? $\frac{310}{60} = 5\frac{10}{60} = 5\frac{1}{6}$ or **5.167 minutes**

12. What is 2.1 hours in minutes? **2.1 × 60 = 126 minutes**

13. What is a two and a half minutes in seconds? **2.5 × 60 = 150 seconds**

14. How many minutes longer is 3.4 hours than 3.2 hours? **0.2 hours × 60 = 12 minutes**

15. How many lots of 8 seconds are there in 4 minutes? **4 × 60 ÷ 8 = 30 lots**

16. How long is it from 1:24 p.m. to 8:20 a.m.? **18 hours 56 minutes**

17. How long is it from 19:35 to 00:10? **4 hours 35 minutes**

18. What time is it three and a half hours before 9:50 p.m.? **6:20 p.m.**

19. What is half past four in the afternoon in 24 hour time? **16:30 or 1630 (hours)**

20. What is 1425 in normal time? **2:25 p.m. (twenty-five past 2 in the afternoon)**

