

Basic Units Practice #4

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 millilitre of water weigh?

.....

4. How heavy is a typical adult sparrow: 3000g, 300g, 30g, 3g or 0.3g ?

5. How high is the world high jump record: 2450mm or 245mm 24.5mm 2.45mm?

6. What is 45 mm in cm?

7. What is 320 m in km?

8. What is 65 mg in g?

9. What is 2.5 Amps in milliAmps?

10. What is 600 cm³ in Litres?

11. What is 735 seconds in minutes?

12. What is 1.15 hours in minutes?

13. What is a three and a third minutes in seconds?

14. How many minutes longer is 4¹/₂ hours than 3²/₃ hours?

15. How many lots of 12 seconds are there in 8 minutes?

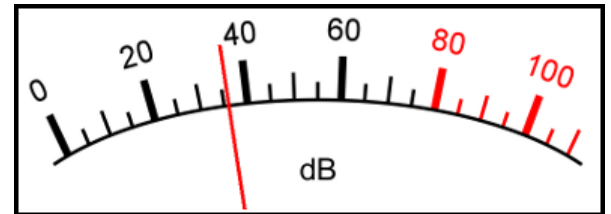
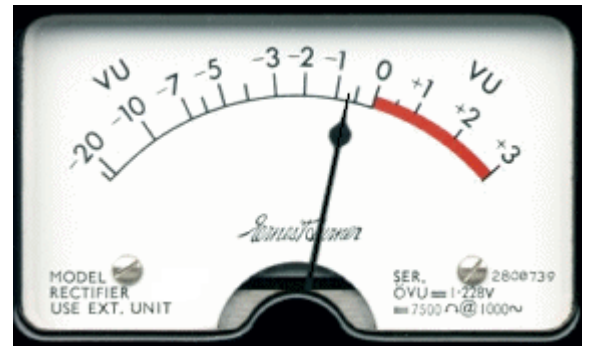
16. How long is it from 1:23 a.m. to 7:10 a.m.?

17. How long is it from 2:35 a.m. to 1:50 p.m.?

18. What time is it two and a half hours before 1:40 a.m.?

19. What is quarter to three in the afternoon in 24 hour time?

20. What is 1730 in normal time?



Answers: Basic Units Practice #4

Note: don't leave out units

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

about -0.7 VU

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

about 36 dB

3. How much does a millilitre of water weigh?

1 gram

4. How heavy is a typical adult sparrow: **30 g**

5. How high is the world high jump record : **2450 mm = 2.45 m**

6. What is 45 mm in cm? **4.5 cm**

7. What is 320 m in km? **0.32 km**

8. What is 65 mg in g? **0.065 g**

9. What is 2.5 Amps in milliAmps? **2500 mA**

10. What is 600 cm³ in Litres? = **600 mL = 0.6 L**

11. What is 735 seconds in minutes? $\frac{735}{60} = 12 \frac{15}{60} = 12 \frac{1}{4}$ or **12.25 minutes**

12. What is 1.15 hours in minutes? $1.15 \times 60 = 69$ minutes (Note: not 1hr15m = 75 min)

13. What is a three and a third minutes in seconds? $3 \frac{1}{3} \times 60 = 200$ seconds

14. How many minutes longer is $4 \frac{1}{2}$ hours than $3 \frac{2}{3}$ hours? $\frac{1}{3} \times 60 + \frac{1}{2} \times 60 = 50$ min

15. How many lots of 12 seconds are there in 8 minutes? $8 \times 60 \div 12 = 40$ lots

16. How long is it from 1:23 a.m. to 7:10 a.m.? **5 hours 47 minutes**

17. How long is it from 2:35 a.m. to 1:50 p.m.? **11 hours 15 minutes**

18. What time is it two and a half hours before 1:40 a.m.? **11:10 p.m. (day before)**

19. What is quarter to three in the afternoon in 24 hour time? **14:45 or 1445 (hours)**

20. What is 1730 in normal time? **5:30 p.m. (half past five in the afternoon)**

