

DR BAKER'S YEAR 3 MATHS
WEDNESDAY 29TH APRIL



WELCOME

Good Morning. Here are the answers to the times tables. Please mark them first.

Now have a think about this problem question. My 8 key is still not working. If I wanted to write 8, what other ways could I use to write it? For example I could write $7 + 1$ when I mean 8. How many different ways can you think of?

$$3 \times 2 = \underline{6}$$

$$3 \times 11 = \underline{33}$$

$$4 \times 1 = \underline{4}$$

$$2 \times 1 = \underline{2}$$

$$5 \times 4 = \underline{20}$$

$$8 \times 5 = \underline{40}$$

$$2 \times 11 = \underline{22}$$

$$5 \times 8 = \underline{40}$$

$$1 \times 5 = \underline{5}$$

$$12 \times 3 = \underline{36}$$

$$2 \times 12 = \underline{24}$$

$$5 \times 7 = \underline{35}$$

$$5 \times 10 = \underline{50}$$

$$5 \times 1 = \underline{5}$$

$$2 \times 8 = \underline{16}$$

$$10 \times 5 = \underline{50}$$

$$8 \times 10 = \underline{80}$$

$$10 \times 6 = \underline{60}$$

$$10 \times 12 = \underline{120}$$

$$9 \times 4 = \underline{36}$$

TASKS FOR TODAY

L.O. To convert between centimetres and metres.

To convert metres (m) to centimetres (cm) we just have to x by 100 because:

There are 100 centimetres in a metre.

That is another fact you need to remember. Write it in your book.

So essentially converting m to cm is just multiplying by 100 like you did on Monday. (If you didn't have time to do that work it might be a good idea to check back and make sure you understand it.)

For example if we had 3m we would have $3 \times 100 = 300\text{cm}$.

To convert centimetres to metres it is the other way round (or the inverse). The inverse of x is \div so you need to divide by 100 to convert cm to m. Those of you doing the harder questions will need to do this too.

SET A

Convert these measurements into metres (m) by x 100.

1. 3m =
2. 7m =
3. 8m =
4. 4m =
5. 6m =
6. 11m =
7. 12m =
8. 16m =
9. 24m =
10. 15m =

11. 43m =
12. 2m =
13. 5m =
14. 9m =
15. 13m =
16. 25m =
17. 42m =
18. 23m =
19. 18m =
20. 74m =

SET B

Convert these measurements into centimetres (cm).

1. 5m =
2. 7m =
3. 10m =
4. 100m =
5. 15m =
6. 17m =
7. 80m =
8. 16m =
9. 24m =
10. 27m =

Convert these measurements into metres (m) ($\div 100$)

11. 300cm =
12. 400m =
13. 800cm =
14. 900cm =
15. 1300cm =
16. 2500cm =
17. 4200cm =
18. 2300cm =
19. 1800cm =
20. 7400cm =

SET C

Convert the cm to m and the m to cm. You need to read carefully.

1. 15m
2. 300cm
3. 10m
4. 100cm
4. 920cm
5. 130cm
7. 100m
8. 42m
9. 23m
10. 18m
11. 27m

Now use your ability to convert to solve these problems.

12. There are two lines. One is 70cm and the other is 1m. Which is the longest. Explain your answer.
13. There are two lines. One is 2m and the other is 5cm less. How long is the second line?
14. Make this statement true:
500cm is 2m more than _____
15. Make this statement true:
80cm is equal to _____m.

ANSWERS

Set A

- | | | | |
|-----|--------|-----|--------|
| 1. | 300cm | 11. | 4300cm |
| 2. | 700cm | 12. | 200cm |
| 3. | 800cm | 13. | 500cm |
| 4. | 400cm | 14. | 900cm |
| 5. | 600cm | 15. | 1300cm |
| 6. | 1100cm | 16. | 2500cm |
| 7. | 1200cm | 17. | 4200cm |
| 8. | 1600cm | 18. | 2300cm |
| 9. | 2400cm | 19. | 1800cm |
| 10. | 1500cm | 20. | 7400cm |

Set B

- | | | | |
|-----|---------|-----|------|
| 1. | 500cm | 11. | 3m |
| 2. | 700cm | 12. | 4m |
| 3. | 1000cm | 13. | 8m |
| 4. | 10000cm | 14. | 9m |
| 5. | 1500cm | 15. | 13m |
| 6. | 1700cm | 16. | 25m |
| 7. | 8000cm | 17. | 42m |
| 8. | 1600cm | 18. | 23m |
| 9. | 2400cm | 19. | 18mm |
| 10. | 2700cm | 20. | 74mm |

ANSWERS

Set C

1. 1500cm

2. 3m

3. 1000cm

4. 1m

5. 9.2m

6. 1.3m

7. 1000cm

8. 4200cm

9. 2300cm

10. 1800cm

11. 2700cm

12. 1m as $1\text{m} = 100\text{cm}$.

13. 195cm

14. 300cm or 3m

15. 0.8m

REMEMBER:

- **Talk to someone on your network hand if you are worried about something.**
- **If nobody is listening to your worries or there is nobody to talk to, you can google Childline or call them on 08001111. Adults at Childline are used to talking to children with worries and can help you.**
- **If you feel unsafe at home or are worried that a friend is not safe, call Mrs Patchett on 07787261064.**