

DR BAKER'S YEAR 3 MATHS
TUESDAY 21ST APRIL



WELCOME

“Good Morning. How did you go on the problem questions? Here are the answers. How did you get on? If you didn’t choose the right sum look at them again and see if you can figure out why the sum given is the correct one.

Now turn to the next slide to do today’s times tables practise.

- A. One cinema ticket costs £9. What do two cinema tickets cost? $£9 \times 2 = £18$
- B. A shower uses 10 litres of water every minute. How much water is used in five minutes? $10 \times 5 = 50$ litres
- C. I have 20 apples. If I share them out between the four people in my family, how many do they get each? $20 \div 4 = 5$

TIMES TABLES

Do these questions as quickly as you can. Answers only in your books.

$8 \times 4 =$

$10 \times 4 =$

$10 \times 3 =$

$4 \times 5 =$

$10 \times 3 =$

$8 \times 12 =$

$2 \times 8 =$

$10 \times 7 =$

$2 \times 3 =$

$7 \times 3 =$

$3 \times 6 =$

$8 \times 9 =$

$2 \times 10 =$

$10 \times 12 =$

$5 \times 10 =$

$8 \times 4 =$

$6 \times 5 =$

$10 \times 5 =$

$4 \times 10 =$

$10 \times 11 =$

TASKS FOR TODAY

L.O. To check by estimating answers.

How did you get on with estimating your answers yesterday? Hopefully you did well as we are going to use that technique to check our answers today (I am not going to give you the answers until tomorrow). If you struggled it might be a good idea to go back and look at that work again. If not, carry on with today's slides.

We are going to do some column addition and then use estimation to work out if the sums are correct. I will give you an example on the next slide:

EXAMPLE

I have worked out three sums here. I have got one answer wrong. Use estimation to figure out which one – don't do the sums yourself! Answer on the next slide.

296

127+

523

96

27+

123

496

127+

623

EXAMPLE

Hopefully you spotted that I got the first one wrong. By estimating it should be about the same size as $300 + 100 = 400$ so 523 is too big. The others ($100+30 = 130$ and $500 + 100 = 600$) are the right size. I wonder if anyone can spot what I did wrong? I'll tell you tomorrow.

296

96

496

127+

27+

127+

513

123

623

TASKS FOR TODAY

I now want you to do exactly the same for the questions I set you today – work out the answers using your usual method like I did and then check them by estimating. Do all the work in your book. You don't have to do all the questions on the slide, just work until your hour is up. Check each one as you do it and any you think are wrong, do again to check. Pick set A, B or C questions depending how confident you are with column addition.

Answers tomorrow – although you should know if they are likely to be wrong!

$$\begin{array}{r} 1) \quad 72 \\ + 35 \\ \hline \end{array}$$

$$\begin{array}{r} 6) \quad 37 \\ + 80 \\ \hline \end{array}$$

$$\begin{array}{r} 11) \quad 62 \\ + 65 \\ \hline \end{array}$$

$$\begin{array}{r} 16) \quad 83 \\ + 84 \\ \hline \end{array}$$

$$\begin{array}{r} 2) \quad 84 \\ + 41 \\ \hline \end{array}$$

$$\begin{array}{r} 7) \quad 64 \\ + 52 \\ \hline \end{array}$$

$$\begin{array}{r} 12) \quad 93 \\ + 21 \\ \hline \end{array}$$

$$\begin{array}{r} 17) \quad 41 \\ + 93 \\ \hline \end{array}$$

$$\begin{array}{r} 3) \quad 56 \\ + 51 \\ \hline \end{array}$$

$$\begin{array}{r} 8) \quad 80 \\ + 55 \\ \hline \end{array}$$

$$\begin{array}{r} 13) \quad 57 \\ + 92 \\ \hline \end{array}$$

$$\begin{array}{r} 18) \quad 63 \\ + 40 \\ \hline \end{array}$$

$$\begin{array}{r} 4) \quad 73 \\ + 71 \\ \hline \end{array}$$

$$\begin{array}{r} 9) \quad 43 \\ + 91 \\ \hline \end{array}$$

$$\begin{array}{r} 14) \quad 35 \\ + 71 \\ \hline \end{array}$$

$$\begin{array}{r} 19) \quad 36 \\ + 91 \\ \hline \end{array}$$

$$\begin{array}{r} 5) \quad 95 \\ + 22 \\ \hline \end{array}$$

$$\begin{array}{r} 10) \quad 90 \\ + 92 \\ \hline \end{array}$$

$$\begin{array}{r} 15) \quad 46 \\ + 81 \\ \hline \end{array}$$

$$\begin{array}{r} 20) \quad 73 \\ + 82 \\ \hline \end{array}$$

SET A

$$\begin{array}{r} 1) \quad \begin{array}{r} 11 \\ 278 \\ + 153 \\ \hline 431 \end{array} \quad 2) \quad \begin{array}{r} 437 \\ + 248 \\ \hline \end{array} \quad 3) \quad \begin{array}{r} 179 \\ + 253 \\ \hline \end{array} \quad 4) \quad \begin{array}{r} 520 \\ + 286 \\ \hline \end{array} \end{array}$$

$$\begin{array}{r} 5) \quad \begin{array}{r} 379 \\ + 56 \\ \hline \end{array} \quad 6) \quad \begin{array}{r} 647 \\ + 206 \\ \hline \end{array} \quad 7) \quad \begin{array}{r} 716 \\ + 221 \\ \hline \end{array} \quad 8) \quad \begin{array}{r} 576 \\ + 328 \\ \hline \end{array} \end{array}$$

$$\begin{array}{r} 9) \quad \begin{array}{r} 342 \\ + 437 \\ \hline \end{array} \quad 10) \quad \begin{array}{r} 589 \\ + 45 \\ \hline \end{array} \quad 11) \quad \begin{array}{r} 289 \\ + 176 \\ \hline \end{array} \quad 12) \quad \begin{array}{r} 547 \\ + 326 \\ \hline \end{array} \end{array}$$

$$\begin{array}{r} 13) \quad \begin{array}{r} 473 \\ + 268 \\ \hline \end{array} \quad 14) \quad \begin{array}{r} 298 \\ + 337 \\ \hline \end{array} \quad 15) \quad \begin{array}{r} 708 \\ + 156 \\ \hline \end{array} \quad 16) \quad \begin{array}{r} 683 \\ + 74 \\ \hline \end{array} \end{array}$$

$$\begin{array}{r} 17) \quad \begin{array}{r} 573 \\ + 264 \\ \hline \end{array} \quad 18) \quad \begin{array}{r} 697 \\ + 218 \\ \hline \end{array} \quad 19) \quad \begin{array}{r} 449 \\ + 55 \\ \hline \end{array} \quad 20) \quad \begin{array}{r} 308 \\ + 439 \\ \hline \end{array} \end{array}$$

$$\begin{array}{r} 21) \quad \begin{array}{r} 276 \\ + 354 \\ \hline \end{array} \quad 22) \quad \begin{array}{r} 317 \\ + 652 \\ \hline \end{array} \quad 23) \quad \begin{array}{r} 575 \\ + 385 \\ \hline \end{array} \quad 24) \quad \begin{array}{r} 761 \\ + 156 \\ \hline \end{array} \end{array}$$

SET B

$$\begin{array}{r} 1) \quad 607 \\ + \quad 328 \\ \hline \end{array} \quad \begin{array}{r} 2) \quad 286 \\ + \quad 505 \\ \hline \end{array} \quad \begin{array}{r} 3) \quad 705 \\ + \quad 523 \\ \hline \end{array} \quad \begin{array}{r} 4) \quad 817 \\ + \quad 320 \\ \hline \end{array}$$

$$\begin{array}{r} 5) \quad 582 \\ + \quad 173 \\ \hline \end{array} \quad \begin{array}{r} 6) \quad 438 \\ + \quad 821 \\ \hline \end{array} \quad \begin{array}{r} 7) \quad 653 \\ + \quad 273 \\ \hline \end{array} \quad \begin{array}{r} 8) \quad 914 \\ + \quad 59 \\ \hline \end{array}$$

$$\begin{array}{r} 9) \quad 348 \\ + \quad 296 \\ \hline \end{array} \quad \begin{array}{r} 10) \quad 843 \\ + \quad 514 \\ \hline \end{array} \quad \begin{array}{r} 11) \quad 485 \\ + \quad 176 \\ \hline \end{array} \quad \begin{array}{r} 12) \quad 624 \\ + \quad 365 \\ \hline \end{array}$$

$$\begin{array}{r} 13) \quad 597 \\ + \quad 64 \\ \hline \end{array} \quad \begin{array}{r} 14) \quad 357 \\ + \quad 482 \\ \hline \end{array} \quad \begin{array}{r} 15) \quad 615 \\ + \quad 426 \\ \hline \end{array} \quad \begin{array}{r} 16) \quad 548 \\ + \quad 703 \\ \hline \end{array}$$

$$\begin{array}{r} 17) \quad 917 \\ + \quad 351 \\ \hline \end{array} \quad \begin{array}{r} 18) \quad 652 \\ + \quad 275 \\ \hline \end{array} \quad \begin{array}{r} 19) \quad 846 \\ + \quad 372 \\ \hline \end{array} \quad \begin{array}{r} 20) \quad 753 \\ + \quad 629 \\ \hline \end{array}$$

$$\begin{array}{r} 21) \quad 418 \\ + \quad 607 \\ \hline \end{array} \quad \begin{array}{r} 22) \quad 784 \\ + \quad 275 \\ \hline \end{array} \quad \begin{array}{r} 23) \quad 984 \\ + \quad 66 \\ \hline \end{array} \quad \begin{array}{r} 24) \quad 687 \\ + \quad 536 \\ \hline \end{array}$$

SET C

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.**