

PLL Scan the QR code/click the link to practice mental maths

<https://www.topmarks.co.uk/maths-games/mental-maths-train>



Remember, you need to work out the answers in your head! Start with the ones you can do and then have a go at the harder ones.

Draw a fishing line to match the fishing rod number sentence to the correct fish.

$345 - 70$

$485 + 500$

$295 + 60$

$425 - 200$

$592 - 9$

$213 + 8$

221

355

225

275

985

583

Challenge (missing numbers) - Remember you can use the inverse

Fill in the missing number or digit on the fishing rod.

5_4 - 70

464

294 + ____

1194

__96 + 90

986

984 - ____

384

85__ + 6

862

593 - __

586



$\begin{array}{r} 534 \\ + 45 \\ \hline \\ \hline \end{array}$	$\begin{array}{r} 213 \\ + 62 \\ \hline \\ \hline \end{array}$	$\begin{array}{r} 304 \\ + 84 \\ \hline \\ \hline \end{array}$	$\begin{array}{r} 672 \\ + 16 \\ \hline \\ \hline \end{array}$
$\begin{array}{r} 257 \\ + 706 \\ \hline \\ \hline \end{array}$	$\begin{array}{r} 505 \\ + 109 \\ \hline \\ \hline \end{array}$	$\begin{array}{r} 672 \\ + 243 \\ \hline \\ \hline \end{array}$	$\begin{array}{r} 591 \\ + 367 \\ \hline \\ \hline \end{array}$
$\begin{array}{r} 572 \\ + 336 \\ \hline \\ \hline \end{array}$	$\begin{array}{r} 760 \\ + 615 \\ \hline \\ \hline \end{array}$	$\begin{array}{r} 822 \\ + 345 \\ \hline \\ \hline \end{array}$	$\begin{array}{r} 912 \\ + 461 \\ \hline \\ \hline \end{array}$
$\begin{array}{r} 476 \\ + 485 \\ \hline \\ \hline \end{array}$	$\begin{array}{r} 655 \\ + 738 \\ \hline \\ \hline \end{array}$	$\begin{array}{r} 379 \\ + 648 \\ \hline \\ \hline \end{array}$	

Challenge: Complete the following calculations:

$\begin{array}{r} 3_8 \\ + _3_ \\ \hline 487 \\ \hline \end{array}$	$\begin{array}{r} 641 \\ + _7_ \\ \hline 12_4 \\ \hline \end{array}$	$\begin{array}{r} 4_5 \\ + _78 \\ \hline 1_4_ \\ \hline \end{array}$
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PLL Recapping how to use column subtraction

<https://www.bbc.co.uk/bitesize/topics/zy2mn39/articles/zc78srd>



1.		5	6	9
	-	3	1	5

2.		3	4	6
	-	1	2	5

3.		7	7	4
	-	4	5	3

4.		6	5	2
	-	4	2	0

$$\begin{array}{r} 5. \quad 667 \\ - 378 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 6. \quad 765 \\ - 477 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 7. \quad 922 \\ - 648 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 8. \quad 902 \\ - 343 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 9. \quad 367 \\ - 188 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 10. \quad 673 \\ - 395 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 11. \quad 700 \\ - 314 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 12. \quad 805 \\ - 518 \\ \hline \\ \hline \end{array}$$

Challenge:

$$\begin{array}{r} 1. \quad 4_3 \\ - 29_ \\ \hline 159 \end{array}$$

$$\begin{array}{r} 2. \quad 70_ \\ - 2_8 \\ \hline 427 \end{array}$$

$$\begin{array}{r} 3. \quad _13 \\ - 37_ \\ \hline _35 \end{array}$$

Answers

Page 1:

$$345 - 70 = 275$$

$$485 + 500 = 985$$

$$295 + 60 = 355$$

$$425 - 200 = 225$$

$$592 - 9 = 583$$

$$213 + 8 = 221$$

Page 2 (challenge):

$$534 + 70 = 604$$

$$294 + 900 = 1194$$

$$896 + 90 = 986$$

$$984 - 600 = 384$$

$$856 + 6 = 862$$

$$593 - 7 = 586$$

Page 3 (going left to right):

579	275	388	688
963	614	915	958
908	1,375	1,167	1,373
961	1,393	1,027	

Challenge:

$$348 + 139 = 487$$

$$641 + 573 = 1,214$$

$$465 + 578 = 1,043$$

Page 4

1. 254
2. 221
3. 321
4. 232
5. 289
6. 288
7. 274
8. 559
9. 179
10. 278
11. 386
12. 287

Challenge

1. $454 - 294 = 159$
2. $705 - 258 = 427$
3. Multiple possibilities (to check do the calculation and see if you get the right answer).