

1- أنجز عمليات القسمة التالية:

$\begin{array}{r} 250 \\ 3 \overline{) } \end{array}$ $250 = (3 \times \dots) + \dots$	$\begin{array}{r} 250 \\ 4 \overline{) } \end{array}$ $250 = (4 \times \dots) + \dots$	$\begin{array}{r} 250 \\ 5 \overline{) } \end{array}$ $250 = (5 \times \dots) + \dots$	$\begin{array}{r} 250 \\ 6 \overline{) } \end{array}$ $250 = (6 \times \dots) + \dots$
$\begin{array}{r} 2467 \\ 4 \overline{) } \end{array}$ $2467 = (4 \times \dots) + \dots$	$\begin{array}{r} 2467 \\ 5 \overline{) } \end{array}$ $2467 = (5 \times \dots) + \dots$	$\begin{array}{r} 2467 \\ 7 \overline{) } \end{array}$ $2467 = (7 \times \dots) + \dots$	$\begin{array}{r} 2467 \\ 9 \overline{) } \end{array}$ $2467 = (9 \times \dots) + \dots$

2- ضع عموديا عمليات القسمة:

$365 : 2 = \dots \text{ reste } \dots$ $365 = (2 \times \dots) + \dots$	$365 : 5 = \dots \text{ reste } \dots$ $365 = (5 \times \dots) + \dots$	$365 : 7 = \dots \text{ reste } \dots$ $365 = (7 \times \dots) + \dots$
$2\,000 : 7 = \dots \text{ reste } \dots$ $2\,000 = (7 \times \dots) + \dots$	$5\,986 : 8 = \dots \text{ reste } \dots$ $5\,986 = (8 \times \dots) + \dots$	$7\,969 : 9 = \dots \text{ reste } \dots$ $7\,969 = (9 \times \dots) + \dots$

1- أنجز عمليات القسمة التالية:

$\begin{array}{r} 250 \\ -24 \\ \hline 010 \\ -9 \\ \hline 1 \end{array}$ $250 = (3 \times 83) + 1$	$\begin{array}{r} 250 \\ -24 \\ \hline 010 \\ -8 \\ \hline 2 \end{array}$ $250 = (4 \times 62) + 2$	$\begin{array}{r} 250 \\ -25 \\ \hline 000 \\ -0 \\ \hline 0 \end{array}$ $250 = (5 \times 50) + 0$	$\begin{array}{r} 250 \\ -24 \\ \hline 010 \\ -6 \\ \hline 4 \end{array}$ $250 = (6 \times 41) + 4$
$\begin{array}{r} 2467 \\ -24 \\ \hline 006 \\ -4 \\ \hline 27 \\ -24 \\ \hline 03 \end{array}$ $2467 = (4 \times 616) + 3$	$\begin{array}{r} 2467 \\ -20 \\ \hline 046 \\ -45 \\ \hline 017 \\ -15 \\ \hline 02 \end{array}$ $2467 = (5 \times 493) + 2$	$\begin{array}{r} 2467 \\ -21 \\ \hline 036 \\ -35 \\ \hline 017 \\ -14 \\ \hline 03 \end{array}$ $2467 = (7 \times 352) + 3$	$\begin{array}{r} 2467 \\ -18 \\ \hline 066 \\ -63 \\ \hline 037 \\ -36 \\ \hline 01 \end{array}$ $2467 = (9 \times 274) + 1$

2- ضع عموديا عمليات القسمة:

$365 : 2 = 182 \text{ reste } 1$ $\begin{array}{r} 365 \\ -2 \\ \hline 16 \\ -16 \\ \hline 05 \\ -4 \\ \hline 1 \end{array}$ $365 = (2 \times 182) + 1$	$365 : 5 = 73 \text{ reste } 0$ $\begin{array}{r} 365 \\ -35 \\ \hline 15 \\ -15 \\ \hline 00 \end{array}$ $365 = (5 \times 73) + 0$	$365 : 7 = 52 \text{ reste } 1$ $\begin{array}{r} 365 \\ -35 \\ \hline 15 \\ -14 \\ \hline 01 \end{array}$ $365 = (7 \times 52) + 1$
$2\,000 : 7 = 285 \text{ reste } 5$ $\begin{array}{r} 2000 \\ -14 \\ \hline 60 \\ -56 \\ \hline 40 \\ -35 \\ \hline 05 \end{array}$ $2\,000 = (7 \times 285) + 5$	$5\,986 : 8 = 748 \text{ reste } 2$ $\begin{array}{r} 5986 \\ -56 \\ \hline 038 \\ -32 \\ \hline 066 \\ -64 \\ \hline 02 \end{array}$ $5\,986 = (8 \times 748) + 2$	$7\,969 : 9 = 885 \text{ reste } 4$ $\begin{array}{r} 7969 \\ -72 \\ \hline 076 \\ -72 \\ \hline 049 \\ -45 \\ \hline 04 \end{array}$ $7\,969 = (9 \times 885) + 4$

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$\begin{array}{r} 2467 \\ 4 \overline{) } \end{array}$ $2467 = (4 \times \dots) + \dots$	$\begin{array}{r} 2467 \\ 5 \overline{) } \end{array}$ $2467 = (5 \times \dots) + \dots$	$\begin{array}{r} 2467 \\ 7 \overline{) } \end{array}$ $2467 = (7 \times \dots) + \dots$	$\begin{array}{r} 2467 \\ 9 \overline{) } \end{array}$ $2467 = (9 \times \dots) + \dots$

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$2\,000 : 7 = \dots \text{ reste } \dots$ $2\,000 = (7 \times \dots) + \dots$	$5\,986 : 8 = \dots \text{ reste } \dots$ $5\,986 = (8 \times \dots) + \dots$	$7\,969 : 9 = \dots \text{ reste } \dots$ $7\,969 = (9 \times \dots) + \dots$

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2- ضع عموديا عمليات القسمة:

$365 : 2 = 182 \text{ reste } 1$ $\begin{array}{r} 365 \\ -2 \\ \hline 16 \\ -16 \\ \hline 05 \\ -4 \\ \hline 1 \end{array}$ $365 = (2 \times 182) + 1$	$365 : 5 = 73 \text{ reste } 0$ $\begin{array}{r} 365 \\ -35 \\ \hline 15 \\ -15 \\ \hline 00 \end{array}$ $365 = (5 \times 73) + 0$	$365 : 7 = 52 \text{ reste } 1$ $\begin{array}{r} 365 \\ -35 \\ \hline 15 \\ -14 \\ \hline 01 \end{array}$ $365 = (7 \times 52) + 1$
$2\,000 : 7 = 285 \text{ reste } 5$ $\begin{array}{r} 2000 \\ -14 \\ \hline 60 \\ -56 \\ \hline 40 \\ -35 \\ \hline 05 \end{array}$ $2\,000 = (7 \times 285) + 5$	$5\,986 : 8 = 748 \text{ reste } 2$ $\begin{array}{r} 5986 \\ -56 \\ \hline 038 \\ -32 \\ \hline 066 \\ -64 \\ \hline 02 \end{array}$ $5\,986 = (8 \times 748) + 2$	$7\,969 : 9 = 885 \text{ reste } 4$ $\begin{array}{r} 7969 \\ -72 \\ \hline 076 \\ -72 \\ \hline 049 \\ -45 \\ \hline 04 \end{array}$ $7\,969 = (9 \times 885) + 4$

القسمة هي عملية ترتبط بعملية الضرب، بحيث يمكننا كتابة المتساوية المميزة للقسمة على الشكل التالي:
 $D = d \times q + r$ ، ونكتب: $D : d = q$ و الباقي r

ضع وأنجز عمليات القسمة... ثم تحقق من النتيجة بإنجاز العمليات الحسابية أسفل كل عملية قسمة:

$291 : 9 = 32 \text{ reste } 3$ $\begin{array}{r} 291 \overline{) 9} \\ \underline{-27} \\ 21 \\ \underline{-18} \\ 03 \end{array}$	$454 : 8 = \dots\dots\dots$ $\begin{array}{r} 454 \overline{) 8} \end{array}$	$341 : 5 = \dots\dots\dots$ $\begin{array}{r} \overline{) } \end{array}$
$\begin{array}{r} \overline{) 9} \\ \underline{288} \\ 288 \end{array}$ $\begin{array}{r} \overline{) 3} \\ \underline{291} \\ 291 \end{array}$		
$639 : 7 = \dots\dots\dots$	$416 : 6 = \dots\dots\dots$	$379 : 4 = \dots\dots\dots$
$263 : 8 = \dots\dots\dots$	$379 : 7 = \dots\dots\dots$	$598 : 9 = \dots\dots\dots$

ضع و أنجز عمليات القسمة... ثم تحقق من النتيجة بإنجاز العمليات الحسابية أسفل كل عملية قسمة:

$291 : 9 = 32 \text{ reste } 3$ $\begin{array}{r} 291 \overline{) 9} \\ -27 \\ \hline 21 \\ -18 \\ \hline 03 \end{array}$	$454 : 8 = 56 \text{ reste } 6$ $\begin{array}{r} 454 \overline{) 8} \\ -40 \\ \hline 54 \\ -48 \\ \hline 06 \end{array}$	$341 : 5 = 68 \text{ reste } 1$ $\begin{array}{r} 341 \overline{) 5} \\ -30 \\ \hline 41 \\ -40 \\ \hline 01 \end{array}$
$\begin{array}{r} 132 \\ \times 9 \\ \hline 288 \end{array} \quad \begin{array}{r} 288 \\ + 3 \\ \hline 291 \end{array}$	$\begin{array}{r} 456 \\ \times 8 \\ \hline 448 \end{array} \quad \begin{array}{r} 448 \\ + 6 \\ \hline 454 \end{array}$	$\begin{array}{r} 468 \\ \times 5 \\ \hline 340 \end{array} \quad \begin{array}{r} 340 \\ + 1 \\ \hline 341 \end{array}$
$639 : 7 = 91 \text{ reste } 2$ $\begin{array}{r} 639 \overline{) 7} \\ -63 \\ \hline 09 \\ -07 \\ \hline 02 \end{array}$	$416 : 6 = 69 \text{ reste } 2$ $\begin{array}{r} 416 \overline{) 6} \\ -36 \\ \hline 56 \\ -54 \\ \hline 02 \end{array}$	$379 : 4 = 93 \text{ reste } 3$ $\begin{array}{r} 379 \overline{) 4} \\ -36 \\ \hline 19 \\ -16 \\ \hline 03 \end{array}$
$\begin{array}{r} 91 \\ \times 7 \\ \hline 637 \end{array} \quad \begin{array}{r} 637 \\ + 2 \\ \hline 639 \end{array}$	$\begin{array}{r} 569 \\ \times 6 \\ \hline 414 \end{array} \quad \begin{array}{r} 414 \\ + 2 \\ \hline 416 \end{array}$	$\begin{array}{r} 194 \\ \times 4 \\ \hline 376 \end{array} \quad \begin{array}{r} 376 \\ + 3 \\ \hline 379 \end{array}$
$263 : 8 = 32 \text{ reste } 7$ $\begin{array}{r} 263 \overline{) 8} \\ -24 \\ \hline 23 \\ -16 \\ \hline 07 \end{array}$	$379 : 7 = 54 \text{ reste } 1$ $\begin{array}{r} 379 \overline{) 7} \\ -35 \\ \hline 29 \\ -28 \\ \hline 01 \end{array}$	$598 : 9 = 66 \text{ reste } 4$ $\begin{array}{r} 598 \overline{) 9} \\ -54 \\ \hline 58 \\ -54 \\ \hline 04 \end{array}$
$\begin{array}{r} 132 \\ \times 8 \\ \hline 256 \end{array} \quad \begin{array}{r} 256 \\ + 7 \\ \hline 263 \end{array}$	$\begin{array}{r} 254 \\ \times 7 \\ \hline 378 \end{array} \quad \begin{array}{r} 378 \\ + 1 \\ \hline 379 \end{array}$	$\begin{array}{r} 566 \\ \times 9 \\ \hline 594 \end{array} \quad \begin{array}{r} 594 \\ + 4 \\ \hline 598 \end{array}$

8 | 2

عندما نقوم بقسمة عدد على 10، فإن الخارج يوافق عدد عشرات هذا العدد، والباقي هو رقم الوحدات،

$$248 : 10 = 24 \text{ والباقي } 8 \text{ و } 248 = (10 \times 24) + 8$$

$$\text{Dividende} = (\text{diviseur} \times \text{quotient}) + \text{reste}$$

1- أتمم:

$50 : 10 = 5$

$80 : 10 = \dots$

$120 : \dots = 12$

$350 : 10 = \dots$

$\dots : 10 = 70$

$500 : 100 = 5$

$700 : 100 = \dots$

$6\,300 : \dots = 63$

$9\,800 : 100 = \dots$

$\dots : 100 = 242$

$5\,000 : 10 = 500$

$920 : 10 = \dots$

$8\,000 : \dots = 80$

$10\,200 : 100 = \dots$

$\dots : 10 = 605$

$5\,000 : 100 = 50$

$1\,800 : 100 = \dots$

$35\,600 : \dots = 356$

$42\,000 : 10 = \dots$

$\dots : 100 = 100$

2- أتمم:

$55 : 10 = 5 \text{ reste } 5$

$95 : 10 = \dots \text{ reste } \dots$

$101 : 10 = \dots \text{ reste } \dots$

$111 : 10 = \dots \text{ reste } \dots$

$324 : 10 = \dots \text{ reste } \dots$

$555 : 100 = 5 \text{ reste } 55$

$801 : 100 = \dots \text{ reste } \dots$

$2\,800 : 100 = \dots \text{ reste } \dots$

$2\,350 : 100 = \dots \text{ reste } \dots$

$43\,279 : 100 = \dots \text{ reste } \dots$

$258 : 10 = 25 \text{ reste } 8$

$2\,350 : 10 = \dots \text{ reste } \dots$

$208 : 10 = \dots \text{ reste } \dots$

$3\,705 : 10 = \dots \text{ reste } \dots$

$14\,290 : 10 = \dots \text{ reste } \dots$

3- أحسب:

$741 : 4 = \dots$

$$\begin{array}{r} 741 \overline{) 4} \end{array}$$

$454 : 8 = \dots$

$$\begin{array}{r} \overline{) 8} \end{array}$$

$349 : 5 = \dots$

$$\begin{array}{r} \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} + \\ \hline 741 \end{array}$$

1- أتمم:

$50 : 10 = 5$	$500 : 100 = 5$	$5\,000 : 10 = 500$	$5\,000 : 100 = 50$
$80 : 10 = 8$	$700 : 100 = 7$	$920 : 10 = 92$	$1\,800 : 100 = 18$
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$350 : 10 = 35$	$9\,800 : 100 = 98$	$10\,200 : 100 = 102$	$42\,000 : 10 = 4\,200$
$700 : 10 = 70$	$24\,200 : 100 = 242$	$6\,050 : 10 = 605$	$10\,000 : 100 = 100$

2- أتمم:

$55 : 10 = 5 \text{ reste } 5$	$555 : 100 = 5 \text{ reste } 55$	$258 : 10 = 25 \text{ reste } 8$
$95 : 10 = 9 \text{ reste } 5$	$801 : 100 = 8 \text{ reste } 1$	$2\,350 : 10 = 235 \text{ reste } 0$
$101 : 10 = 10 \text{ reste } 1$	$2\,800 : 100 = 28 \text{ reste } 0$	$208 : 10 = 20 \text{ reste } 8$
$111 : 10 = 11 \text{ reste } 1$	$2\,350 : 100 = 23 \text{ reste } 50$	$3\,705 : 10 = 370 \text{ reste } 5$
$324 : 10 = 32 \text{ reste } 4$	$43\,279 : 100 = 432 \text{ reste } 79$	$14\,290 : 10 = 1\,429 \text{ reste } 0$

3- أحسب:

$741 : 4 = 185 \text{ reste } 1$ $\begin{array}{r} 741 \\ -4 \\ \hline 34 \\ -32 \\ \hline 021 \\ -20 \\ \hline 01 \end{array}$	$454 : 8 = 56 \text{ reste } 6$ $\begin{array}{r} 454 \\ -40 \\ \hline 054 \\ -48 \\ \hline 6 \end{array}$	$349 : 5 = 69 \text{ reste } 4$ $\begin{array}{r} 349 \\ -30 \\ \hline 049 \\ -45 \\ \hline 4 \end{array}$
$\begin{array}{r} 185 \\ \times 4 \\ \hline 740 \end{array}$ $\begin{array}{r} 740 \\ + 1 \\ \hline 741 \end{array}$	$\begin{array}{r} 56 \\ \times 8 \\ \hline 448 \end{array}$ $\begin{array}{r} 448 \\ + 6 \\ \hline 454 \end{array}$	$\begin{array}{r} 69 \\ \times 5 \\ \hline 345 \end{array}$ $\begin{array}{r} 345 \\ + 4 \\ \hline 349 \end{array}$

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$$258 : 10 = 25 \text{ reste } 8$$

$$2\,350 : 10 = \dots \text{ reste } \dots$$

$$208 : 10 = \dots \text{ reste } \dots$$

$$3\,705 : 10 = \dots \text{ reste } \dots$$

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3- أحسب:

$$741 : 4 = \dots$$

$$\begin{array}{r} 741 \overline{) 4} \\ \hline \end{array}$$

$$454 : 8 = \dots$$

$$\begin{array}{r} \overline{) 8} \\ \hline \end{array}$$

$$349 : 5 = \dots$$

$$\begin{array}{r} \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} + \\ \hline 741 \end{array}$$

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$\begin{array}{r} 185 \\ \times 4 \\ \hline 740 \end{array}$ $\begin{array}{r} 740 \\ + 1 \\ \hline 741 \end{array}$	$\begin{array}{r} 56 \\ \times 8 \\ \hline 448 \end{array}$ $\begin{array}{r} 448 \\ + 6 \\ \hline 454 \end{array}$	$\begin{array}{r} 69 \\ \times 5 \\ \hline 345 \end{array}$ $\begin{array}{r} 345 \\ + 4 \\ \hline 349 \end{array}$