

13. Napiš rozvinutý zápis čísla v desítkové soustavě.

$7\,463 = 7 \cdot 1\,000 + 4 \cdot 100 + 6 \cdot 10 + 3 \cdot 1$

$21\,527 =$  \_\_\_\_\_

$46\,974 =$  \_\_\_\_\_

$726 =$  \_\_\_\_\_

$308 =$  \_\_\_\_\_

$62\,536 =$  \_\_\_\_\_

$80\,172 =$  \_\_\_\_\_

$94\,005 =$  \_\_\_\_\_

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14. Při počítání postupuj chytře.

$35 + 13 + 37 + 25 =$  \_\_\_\_\_  $22 + 174 + 68 + 26 =$  \_\_\_\_\_

$81 + 62 + 19 + 78 =$  \_\_\_\_\_  $49 + 180 + 21 + 70 =$  \_\_\_\_\_

$94 + 75 + 85 + 66 =$  \_\_\_\_\_  $67 + 12 + 87 + 18 =$  \_\_\_\_\_

$71 + 80 + 69 + 50 =$  \_\_\_\_\_  $55 + 90 + 40 + 65 =$  \_\_\_\_\_

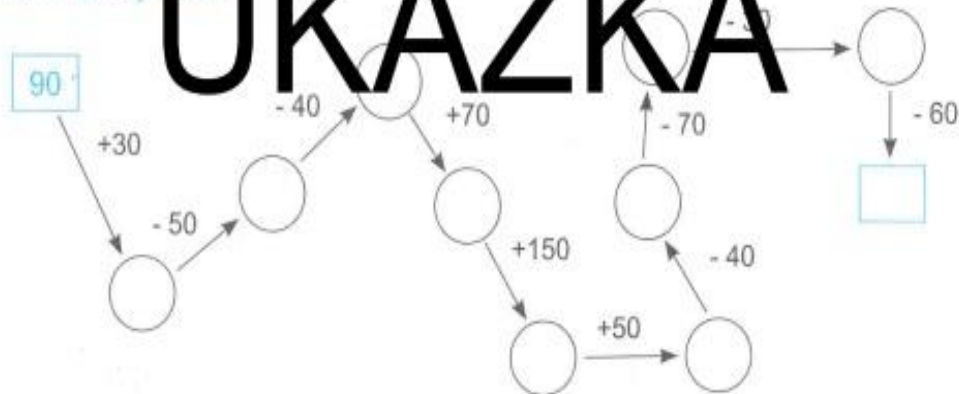
$63 + 56 + 84 + 97 =$  \_\_\_\_\_  $32 + 74 + 36 + 68 =$  \_\_\_\_\_

$52 + 99 + 78 + 11 =$  \_\_\_\_\_  $71 + 143 + 59 + 37 =$  \_\_\_\_\_

$50 + 63 + 90 + 37 =$  \_\_\_\_\_  $25 + 190 + 10 + 75 =$  \_\_\_\_\_

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15. Počítej labyrint.



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16. Vypočítej příklady z paměti.

$$200\ 000 + 500\ 000 = \underline{\hspace{2cm}} \quad 600\ 000 - 340\ 000 = \underline{\hspace{2cm}}$$

$$120\ 000 + 480\ 000 = \underline{\hspace{2cm}} \quad 500\ 000 - 120\ 000 = \underline{\hspace{2cm}}$$

$$530\ 000 + 270\ 000 = \underline{\hspace{2cm}} \quad 800\ 000 - 530\ 000 = \underline{\hspace{2cm}}$$

$$250\ 000 + 450\ 000 = \underline{\hspace{2cm}} \quad 750\ 000 - 220\ 000 = \underline{\hspace{2cm}}$$

$$470\ 000 + 330\ 000 = \underline{\hspace{2cm}} \quad 550\ 000 - 650\ 000 = \underline{\hspace{2cm}}$$

$$810\ 000 + 190\ 000 = \underline{\hspace{2cm}} \quad 100\ 000 - 70\ 000 = \underline{\hspace{2cm}}$$

17. Převed.

$$8\ \text{h} = \underline{480}\ \text{min} \quad 420\ \text{s} = \underline{\hspace{1cm}}\ \text{min} \quad 128\ \text{min} = \underline{\hspace{1cm}}\ \text{h} \ \underline{\hspace{1cm}}\ \text{min}$$

$$10\ \text{h} = \underline{\hspace{1cm}}\ \text{min} \quad 540\ \text{s} = \underline{\hspace{1cm}}\ \text{min} \quad 450\ \text{min} = \underline{\hspace{1cm}}\ \text{h} \ \underline{\hspace{1cm}}\ \text{min}$$

$$7\ \text{h} = \underline{\hspace{1cm}}\ \text{min} \quad 120\ \text{s} = \underline{\hspace{1cm}}\ \text{min} \quad 135\ \text{min} = \underline{\hspace{1cm}}\ \text{h} \ \underline{\hspace{1cm}}\ \text{min}$$

$$2\ \text{h} = \underline{\hspace{1cm}}\ \text{min} \quad 480\ \text{s} = \underline{\hspace{1cm}}\ \text{min} \quad 19\ \text{min} = \underline{\hspace{1cm}}\ \text{h} \ \underline{\hspace{1cm}}\ \text{min}$$

$$4\ \text{h} = \underline{\hspace{1cm}}\ \text{min} \quad 600\ \text{s} = \underline{\hspace{1cm}}\ \text{min} \quad 390\ \text{min} = \underline{\hspace{1cm}}\ \text{h} \ \underline{\hspace{1cm}}\ \text{min}$$

18. Převed.

$$6\ \text{kg} = \underline{6\ 000}\ \text{g} \quad 2\ \text{t} = \underline{\hspace{1cm}}\ \text{kg} \quad 7\ 300\ \text{g} = \underline{\hspace{1cm}}\ \text{kg} \ \underline{\hspace{1cm}}\ \text{g}$$

$$9\ \text{kg} = \underline{\hspace{1cm}}\ \text{g} \quad 4\ \text{t} = \underline{\hspace{1cm}}\ \text{kg} \quad 1\ 900\ \text{g} = \underline{\hspace{1cm}}\ \text{kg} \ \underline{\hspace{1cm}}\ \text{g}$$

$$3\ \text{kg} = \underline{\hspace{1cm}}\ \text{g} \quad 1\ \text{t} = \underline{\hspace{1cm}}\ \text{kg} \quad 2\ 400\ \text{g} = \underline{\hspace{1cm}}\ \text{kg} \ \underline{\hspace{1cm}}\ \text{g}$$

$$10\ \text{kg} = \underline{\hspace{1cm}}\ \text{g} \quad 10\ \text{t} = \underline{\hspace{1cm}}\ \text{kg} \quad 5\ 700\ \text{g} = \underline{\hspace{1cm}}\ \text{kg} \ \underline{\hspace{1cm}}\ \text{g}$$

$$5\ \text{kg} = \underline{\hspace{1cm}}\ \text{g} \quad 12\ \text{t} = \underline{\hspace{1cm}}\ \text{kg} \quad 9\ 100\ \text{g} = \underline{\hspace{1cm}}\ \text{kg} \ \underline{\hspace{1cm}}\ \text{g}$$

19. Doplň tabulku.

hl	4	8	7	9	10	15	20	30
l	400							
dl	4 000							

20. Převed.

$$2\ \text{l} = \underline{\hspace{1cm}}\ \text{ml} \quad 320\ \text{l} = \underline{\hspace{1cm}}\ \text{hl} \ \underline{\hspace{1cm}}\ \text{l} \quad 70\ \text{l} = \underline{\hspace{1cm}}\ \text{dl}$$

$$5\ \text{l} = \underline{\hspace{1cm}}\ \text{ml} \quad 460\ \text{l} = \underline{\hspace{1cm}}\ \text{hl} \ \underline{\hspace{1cm}}\ \text{l} \quad 5\ \text{l} = \underline{\hspace{1cm}}\ \text{dl}$$

## DĚLENÍ SE ZBYTKEM

57. Vypočítej a proved' zkoušku.

$$230 : 30 = \underline{7} \text{ zb. } \underline{20} \text{ zk. } \underline{7 \cdot 30 + 20 = 230}$$

$$340 : 80 = \underline{\quad} \text{ zb. } \underline{\quad} \text{ zk. } \underline{\quad}$$

$$670 : 80 = \underline{\quad} \text{ zb. } \underline{\quad} \text{ zk. } \underline{\quad}$$

$$190 : 40 = \underline{\quad} \text{ zb. } \underline{\quad} \text{ zk. } \underline{\quad}$$

$$500 : 70 = \underline{\quad} \text{ zb. } \underline{\quad} \text{ zk. } \underline{\quad}$$

$$260 : 30 = \underline{\quad} \text{ zb. } \underline{\quad} \text{ zk. } \underline{\quad}$$

$$390 : 40 = \underline{\quad} \text{ zb. } \underline{\quad} \text{ zk. } \underline{\quad}$$

$$270 : 50 = \underline{\quad} \text{ zb. } \underline{\quad} \text{ zk. } \underline{\quad}$$

$$580 : 60 = \underline{\quad} \text{ zb. } \underline{\quad} \text{ zk. } \underline{\quad}$$

$$520 : 90 = \underline{\quad} \text{ zb. } \underline{\quad} \text{ zk. } \underline{\quad}$$

$$270 : 70 = \underline{\quad} \text{ zb. } \underline{\quad} \text{ zk. } \underline{\quad}$$

$$250 : 40 = \underline{\quad} \text{ zb. } \underline{\quad} \text{ zk. } \underline{\quad}$$

58. Vypočítej.

$$1\,900 : 500 = \underline{3} \text{ zb. } \underline{400}$$

$$2\,800 : 300 = \underline{\quad} \text{ zb. } \underline{\quad}$$

$$3\,600 : 700 = \underline{\quad} \text{ zb. } \underline{\quad}$$

$$800 : 100 = \underline{\quad} \text{ zb. } \underline{\quad}$$

$$400 : 50 = \underline{\quad} \text{ zb. } \underline{\quad}$$

$$5\,500 : 900 = \underline{\quad} \text{ zb. } \underline{\quad}$$

$$3\,400 : 800 = \underline{\quad} \text{ zb. } \underline{\quad}$$

$$4\,700 : 500 = \underline{\quad} \text{ zb. } \underline{\quad}$$

$$1\,400 : 300 = \underline{\quad} \text{ zb. } \underline{\quad}$$

$$900 : 500 = \underline{\quad} \text{ zb. } \underline{\quad}$$

$$800 : 40 = \underline{\quad} \text{ zb. } \underline{\quad}$$

$$2\,500 : 700 = \underline{\quad} \text{ zb. } \underline{\quad}$$

59. Doplň tabulky.

dělenec	520	270	140	580	670	780
dělitel	8	6	3	6	8	9
neúplný podíl						
zbytek						

dělenec	1 700	2 800	5 600	4 400	5 100	6 600
dělitel	3	7	8	6	7	9
neúplný podíl						
zbytek						

dělenec	28 000	39 000	47 000	55 000	67 000	13 000
dělitel	30	60	80	90	80	20
neúplný podíl						
zbytek						

60. Vypočítej a proved' zkoušku.

$74\,571 : 68 =$

$37\,652 : 19 =$

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$95\,631 : 47 =$

$51\,123 : 23 =$

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$207\,448 : 45 =$

$345\,203 : 52 =$

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$177\,807 : 26 =$

$401\,970 : 61 =$

## JEDNOTKY DÉLKY

73. Převed' na dané jednotky.

$3 \text{ km } 872 \text{ m} = \underline{\hspace{2cm}} \text{ m}$

$18 \text{ m } 67 \text{ cm} = \underline{\hspace{2cm}} \text{ cm}$

$8 \text{ km } 14 \text{ m} = \underline{\hspace{2cm}} \text{ m}$

$73 \text{ m } 9 \text{ cm} = \underline{\hspace{2cm}} \text{ cm}$

$5 \text{ km } 173 \text{ m} = \underline{\hspace{2cm}} \text{ m}$

$4 \text{ m } 32 \text{ cm} = \underline{\hspace{2cm}} \text{ cm}$

$27 \text{ m } 80 \text{ cm} = \underline{\hspace{2cm}} \text{ m } \underline{\hspace{2cm}} \text{ cm}$

$2 \text{ dm } 4 \text{ cm} = \underline{\hspace{2cm}} \text{ cm}$

$32 \text{ m } 4 \text{ cm} = \underline{\hspace{2cm}} \text{ m } \underline{\hspace{2cm}} \text{ cm}$

$6 \text{ dm } 8 \text{ cm} = \underline{\hspace{2cm}} \text{ cm}$

$5 \text{ m } 14 \text{ cm} = \underline{\hspace{2cm}} \text{ cm}$

$1 \text{ dm } 3 \text{ cm} = \underline{\hspace{2cm}} \text{ cm}$

74. Sčítej jednotky délky.

$7 \text{ m} + 520 \text{ cm} = \underline{\hspace{2cm}} \text{ m } \underline{\hspace{2cm}} \text{ cm}$

$23 \text{ m} + 45 \text{ dm} = \underline{\hspace{2cm}} \text{ m } \underline{\hspace{2cm}} \text{ dm}$

$1 \text{ m} + 207 \text{ cm} = \underline{\hspace{2cm}} \text{ m } \underline{\hspace{2cm}} \text{ cm}$

$11 \text{ m} + 11 \text{ dm} = \underline{\hspace{2cm}} \text{ m } \underline{\hspace{2cm}} \text{ dm}$

$12 \text{ m} + 741 \text{ cm} = \underline{\hspace{2cm}} \text{ m } \underline{\hspace{2cm}} \text{ cm}$

$4 \text{ m} + 93 \text{ dm} = \underline{\hspace{2cm}} \text{ m } \underline{\hspace{2cm}} \text{ dm}$

$8 \text{ m} + 134 \text{ cm} = \underline{\hspace{2cm}} \text{ m } \underline{\hspace{2cm}} \text{ cm}$

$2 \text{ m} + 52 \text{ dm} = \underline{\hspace{2cm}} \text{ m } \underline{\hspace{2cm}} \text{ dm}$

$3 \text{ m} + 870 \text{ cm} = \underline{\hspace{2cm}} \text{ m } \underline{\hspace{2cm}} \text{ cm}$

$9 \text{ m} + 74 \text{ dm} = \underline{\hspace{2cm}} \text{ m } \underline{\hspace{2cm}} \text{ dm}$

## JEDNOTKY ČASU

75. Doplň tabulku.

počet týdnů	1	2	3	4	5	6
počet dnů						
počet hodin						
dny				20	30	50
hodiny						

76. Převed' na dané jednotky.

$155 \text{ min} = \underline{\hspace{2cm}} \text{ h } \underline{\hspace{2cm}} \text{ min}$

$446 \text{ min} = \underline{\hspace{2cm}} \text{ h } \underline{\hspace{2cm}} \text{ min}$

$632 \text{ min} = \underline{\hspace{2cm}} \text{ h } \underline{\hspace{2cm}} \text{ min}$

$560 \text{ min} = \underline{\hspace{2cm}} \text{ h } \underline{\hspace{2cm}} \text{ min}$

$270 \text{ min} = \underline{\hspace{2cm}} \text{ h } \underline{\hspace{2cm}} \text{ min}$

$123 \text{ min} = \underline{\hspace{2cm}} \text{ h } \underline{\hspace{2cm}} \text{ min}$

$380 \text{ min} = \underline{\hspace{2cm}} \text{ h } \underline{\hspace{2cm}} \text{ min}$

$190 \text{ min} = \underline{\hspace{2cm}} \text{ h } \underline{\hspace{2cm}} \text{ min}$

$460 \text{ min} = \underline{\hspace{2cm}} \text{ h } \underline{\hspace{2cm}} \text{ min}$

$490 \text{ min} = \underline{\hspace{2cm}} \text{ h } \underline{\hspace{2cm}} \text{ min}$

## JEDNOTKY HMOTNOSTI

77. Doplň.

kg	9		15		18	
g		32 000		4 000		24 000
kg		3 000		1 000		7 000
t	3		6			20

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78. Porovnej: >, <, =

7 200 g	<input style="width: 50px; height: 20px;" type="text"/>	7 kg	15 000 kg	<input style="width: 50px; height: 20px;" type="text"/>	15 t
6 300 g	<input style="width: 50px; height: 20px;" type="text"/>	63 kg	23 000 kg	<input style="width: 50px; height: 20px;" type="text"/>	22 t
2 200 g	<input style="width: 50px; height: 20px;" type="text"/>	2 g	43 000 g	<input style="width: 50px; height: 20px;" type="text"/>	460 t
8 000 g	<input style="width: 50px; height: 20px;" type="text"/>	8 g	82 000 kg	<input style="width: 50px; height: 20px;" type="text"/>	82 t
590 g	<input style="width: 50px; height: 20px;" type="text"/>	6 kg	11 500 kg	<input style="width: 50px; height: 20px;" type="text"/>	12 t

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## JEDNOTKY OBJEMU

79. Doplň tabulku.

hl	l	dl	cl	ml
3	3 10	3 000		
				100 000
8				
	500			
			20 000	
		6 000		

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80. Převeď.

4 l = _____ ml	8 l = _____ dl	2 l = _____ ml
25 l = _____ ml	3 l = _____ dl	14 l = _____ ml
5 l = _____ ml	11 l = _____ dl	36 l = _____ ml
7 l = _____ ml	24 l = _____ dl	4 l = _____ ml

