

A) PŘEVOD JEDNOTEK

- |     |           |    |     |                      |                 |
|-----|-----------|----|-----|----------------------|-----------------|
| 1.  | 2,18 L =  | g  | 11. | 52 dm <sup>3</sup> = | cm <sup>3</sup> |
| 2.  | 2,18 g =  | mg | 12. | 52 dm <sup>3</sup> = | m <sup>3</sup>  |
| 3.  | 2,18 g =  | kg | 13. | 52 dm <sup>3</sup> = | l               |
| 4.  | 2,18 g =  | l  | 14. | 52 dm <sup>3</sup> = | cl              |
| 5.  | 218 kg =  | g  | 15. | 52 m <sup>3</sup> =  | hl              |
| 6.  | 218 mg =  | kg | 16. | 52 hl =              | m <sup>3</sup>  |
| 7.  | 218 cl =  | ml | 17. | 52 mm <sup>3</sup> = | ml              |
| 8.  | 218 cl =  | dl | 18. | 52 cm <sup>3</sup> = | dl              |
| 9.  | 218 l =   | hl | 19. | 52 dl =              | mn <sup>3</sup> |
| 10. | 0,218 l = | cl | 20. | 52 cl =              | cm <sup>3</sup> |

B) VYPOČTĚTE A TROUHEJTE ZKOUŠKU: (POZOR NA URČENÍ TOČTU DES. MÍST VE VÝSLEDKU A ZBYTKU A NA ZÁPIS ZK.)

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|----|------------------|----|-----------------|
| 1. | 374,861 : 4,2 =  | 3. | 3,74861 : 33 =  |
| 2. | 37,4861 : 0,29 = | 4. | 37486,1 : 8,8 = |

C) VYPOČTĚTE: (ZAPIŠTE CELÝ POSTUP VÝPOČTU.)

VZOR:  $-4,5 - \left[ \frac{2}{x} \cdot \left( -\frac{1}{x} \right) - \frac{1}{4} \right] : 3 = -\frac{9}{2} - \left[ -\frac{1}{2} - \frac{1}{4} \right] : 3 = -\frac{9}{2} - \frac{-2-1}{4} : \frac{3}{1} = -\frac{9}{2} - \frac{-3}{4} \cdot \frac{1}{3} =$

$$= -\frac{9}{2} + \frac{1}{4} = \frac{-18+1}{4} = -\frac{17}{4} = -4\frac{1}{4}$$

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|----|---|----|--|
| 1. | $\frac{1}{4} - \frac{1}{4} \cdot \left( 2\frac{2}{3} - \frac{4}{9} : \frac{2}{3} \right) =$ | 3. | $-4\frac{1}{6} + \left( \frac{1}{4} + \frac{5}{6} \right) \cdot \left( -\frac{6}{9} \right) =$ |
| 2. | $\left( \frac{3}{7} - 1\frac{1}{2} \right) : \left( -\frac{17}{40} + 0,8 \right) =$         | 4. | $-9 \cdot \left( \frac{1}{3} + \frac{5}{9} \right) - 8 : \frac{1}{4} =$                        |

D) VYPOČTĚTE: (ZAPIŠTE CELÝ POSTUP VÝPOČTU.)

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|----|--|----|--|
| 1. | $\frac{\frac{1}{8} : \frac{5}{12} + 0,1 \cdot \left( -1\frac{1}{3} \right)}{-\frac{4}{9} \cdot 1,2} =$ | 3. | $\frac{3\frac{1}{2} + 2 \cdot \left( 1 - \frac{5}{8} \right)}{-3,3 : \frac{11}{10}} =$   |
| 2. | $\frac{\frac{2}{3} \cdot \left( \frac{4}{5} - \frac{3}{4} \right) + 0,2}{1\frac{2}{3} + 0,25} =$       | 4. | $\frac{6 \cdot \left( \frac{3}{4} + \frac{1}{2} \right) \cdot \left( \frac{1}{4} - \frac{1}{2} \right)}{-2 \cdot \left( -\frac{1}{2} - \frac{3}{4} \right)} =$ |