

Výukový materiál zpracovaný v rámci projektu



Základní škola Sokolov, Běžecká 2055 pracoviště Boženy Němcové 1784

Název a číslo projektu: Moderní škola, CZ.1.07/1.4.00/21.3331

Šablona: III/2 Inovace a zkvalitnění výuky prostřednictvím ICT

Sada/předmět(oblast): Matematika 8

Číslo výukového materiálu: 5_M_18

Celá čísla – matematické závody

Anotace:

Materiál slouží k procvičování učiva sčítání celých čísel. Rozstříháním získáme tři sady příkladů s devíti variantami cvičení (ty zajišťují aby žáci neopisovali) po deseti příkladech. Každý obdrží jednu desítku příkladů typu A, po jejich vypočítání a kontrole dostává variantu B a následně C. Postupně získává malé jedničky (i slabší žáci mohou získávat alespoň malé jedničky), kdo má všechny 3 varianty, získá jedničku velkou. Materiál lze využívat také jako sady příkladů na procvičování ve škole a doma

Klíčová slova: celá čísla, sčítání

Předmět: Matematika

Ročník: 6.

Autor: Mgr. Josef Hubený

Použité zdroje:

1 A

$45 + 78 = \underline{\hspace{2cm}}$

$59 + 83 = \underline{\hspace{2cm}}$

$12 + 78 = \underline{\hspace{2cm}}$

$25 + 32 = \underline{\hspace{2cm}}$

$17 + 71 = \underline{\hspace{2cm}}$

$45 + 35 = \underline{\hspace{2cm}}$

$15 + 16 = \underline{\hspace{2cm}}$

$17 + 64 = \underline{\hspace{2cm}}$

$32 + 33 = \underline{\hspace{2cm}}$

$10 + 39 = \underline{\hspace{2cm}}$

4 A

$41 + 78 = \underline{\hspace{2cm}}$

$15 + 83 = \underline{\hspace{2cm}}$

$38 + 78 = \underline{\hspace{2cm}}$

$38 + 32 = \underline{\hspace{2cm}}$

$24 + 71 = \underline{\hspace{2cm}}$

$15 + 35 = \underline{\hspace{2cm}}$

$19 + 16 = \underline{\hspace{2cm}}$

$21 + 64 = \underline{\hspace{2cm}}$

$42 + 33 = \underline{\hspace{2cm}}$

$14 + 39 = \underline{\hspace{2cm}}$

7 A

$15 + 45 = \underline{\hspace{2cm}}$

$35 + 47 = \underline{\hspace{2cm}}$

$28 + 52 = \underline{\hspace{2cm}}$

$36 + 28 = \underline{\hspace{2cm}}$

$29 + 34 = \underline{\hspace{2cm}}$

$13 + 59 = \underline{\hspace{2cm}}$

$17 + 36 = \underline{\hspace{2cm}}$

$71 + 32 = \underline{\hspace{2cm}}$

$32 + 16 = \underline{\hspace{2cm}}$

$94 + 51 = \underline{\hspace{2cm}}$

2 A

$37 + 78 = \underline{\hspace{2cm}}$

$59 + 29 = \underline{\hspace{2cm}}$

$12 + 66 = \underline{\hspace{2cm}}$

$25 + 18 = \underline{\hspace{2cm}}$

$17 + 94 = \underline{\hspace{2cm}}$

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

$15 + 61 = \underline{\hspace{2cm}}$

$17 + 15 = \underline{\hspace{2cm}}$

$32 + 85 = \underline{\hspace{2cm}}$

$10 + 15 = \underline{\hspace{2cm}}$

5 A

$41 + 55 = \underline{\hspace{2cm}}$

$15 + 48 = \underline{\hspace{2cm}}$

$38 + 59 = \underline{\hspace{2cm}}$

$38 + 38 = \underline{\hspace{2cm}}$

$24 + 14 = \underline{\hspace{2cm}}$

$15 + 52 = \underline{\hspace{2cm}}$

$19 + 39 = \underline{\hspace{2cm}}$

$21 + 72 = \underline{\hspace{2cm}}$

$42 + 76 = \underline{\hspace{2cm}}$

$14 + 58 = \underline{\hspace{2cm}}$

8 A

$35 + 45 = \underline{\hspace{2cm}}$

$37 + 47 = \underline{\hspace{2cm}}$

$20 + 52 = \underline{\hspace{2cm}}$

$31 + 28 = \underline{\hspace{2cm}}$

$29 + 54 = \underline{\hspace{2cm}}$

$13 + 29 = \underline{\hspace{2cm}}$

$17 + 33 = \underline{\hspace{2cm}}$

$21 + 32 = \underline{\hspace{2cm}}$

$42 + 16 = \underline{\hspace{2cm}}$

$34 + 51 = \underline{\hspace{2cm}}$

3 A

$41 + 78 = \underline{\hspace{2cm}}$

$15 + 83 = \underline{\hspace{2cm}}$

$38 + 78 = \underline{\hspace{2cm}}$

$38 + 32 = \underline{\hspace{2cm}}$

$24 + 71 = \underline{\hspace{2cm}}$

$15 + 35 = \underline{\hspace{2cm}}$

$19 + 16 = \underline{\hspace{2cm}}$

$21 + 64 = \underline{\hspace{2cm}}$

$42 + 33 = \underline{\hspace{2cm}}$

$14 + 39 = \underline{\hspace{2cm}}$

6 A

$15 + 55 = \underline{\hspace{2cm}}$

$35 + 48 = \underline{\hspace{2cm}}$

$28 + 59 = \underline{\hspace{2cm}}$

$36 + 38 = \underline{\hspace{2cm}}$

$29 + 14 = \underline{\hspace{2cm}}$

$13 + 52 = \underline{\hspace{2cm}}$

$17 + 39 = \underline{\hspace{2cm}}$

$71 + 72 = \underline{\hspace{2cm}}$

$32 + 76 = \underline{\hspace{2cm}}$

$94 + 58 = \underline{\hspace{2cm}}$

9 A

$35 + 25 = \underline{\hspace{2cm}}$

$37 + 40 = \underline{\hspace{2cm}}$

$20 + 55 = \underline{\hspace{2cm}}$

$31 + 18 = \underline{\hspace{2cm}}$

$29 + 53 = \underline{\hspace{2cm}}$

$13 + 49 = \underline{\hspace{2cm}}$

$17 + 37 = \underline{\hspace{2cm}}$

$21 + 72 = \underline{\hspace{2cm}}$

$42 + 12 = \underline{\hspace{2cm}}$

$34 + 31 = \underline{\hspace{2cm}}$

1 A

$45 + 78 = 123$

$59 + 83 = 142$

$12 + 78 = 90$

$25 + 32 = 57$

$17 + 71 = 88$

$45 + 35 = 80$

$15 + 16 = 31$

$17 + 64 = 81$

$32 + 33 = 65$

$10 + 39 = 49$

4 A

$41 + 78 = 119$

$15 + 83 = 98$

$38 + 78 = 116$

$38 + 32 = 70$

$24 + 71 = 95$

$15 + 35 = 50$

$19 + 16 = 35$

$21 + 64 = 85$

$42 + 33 = 75$

$14 + 39 = 53$

7 A

$15 + 45 = 60$

$35 + 47 = 82$

$28 + 52 = 80$

$36 + 28 = 64$

$29 + 34 = 63$

$13 + 59 = 72$

$17 + 36 = 53$

$71 + 32 = 103$

$32 + 16 = 48$

$94 + 51 = 145$

2 A

$37 + 78 = 115$

$59 + 29 = 88$

$12 + 66 = 78$

$25 + 18 = 43$

$17 + 94 = 111$

$45 + 23 = 68$

$15 + 61 = 76$

$17 + 15 = 32$

$32 + 85 = 117$

$10 + 15 = 25$

5 A

$41 + 55 = 96$

$15 + 48 = 63$

$38 + 59 = 97$

$38 + 38 = 76$

$24 + 14 = 38$

$15 + 52 = 67$

$19 + 39 = 58$

$21 + 72 = 93$

$42 + 76 = 118$

$14 + 58 = 72$

8 A

$35 + 45 = 80$

$37 + 47 = 84$

$20 + 52 = 72$

$31 + 28 = 59$

$29 + 54 = 83$

$13 + 29 = 42$

$17 + 33 = 50$

$21 + 32 = 53$

$42 + 16 = 58$

$34 + 51 = 85$

3 A

$41 + 78 = 119$

$15 + 83 = 98$

$38 + 78 = 116$

$38 + 32 = 70$

$24 + 71 = 95$

$15 + 35 = 50$

$19 + 16 = 35$

$21 + 64 = 85$

$42 + 33 = 75$

$14 + 39 = 53$

6 A

$15 + 55 = 70$

$35 + 48 = 83$

$28 + 59 = 87$

$36 + 38 = 74$

$29 + 14 = 43$

$13 + 52 = 65$

$17 + 39 = 56$

$71 + 72 = 143$

$32 + 76 = 108$

$94 + 58 = 152$

9 A

$35 + 25 = 60$

$37 + 40 = 77$

$20 + 55 = 75$

$31 + 18 = 49$

$29 + 53 = 82$

$13 + 49 = 62$

$17 + 37 = 54$

$21 + 72 = 93$

$42 + 12 = 54$

$34 + 31 = 65$

1 B

$$\begin{aligned} -15 + (-18) &= -33 \\ -12 + (-23) &= -35 \\ -24 + (-17) &= -41 \\ -45 + (-38) &= -83 \\ -23 + (-38) &= -61 \\ -34 + (-52) &= -86 \\ -36 + (-11) &= -47 \\ -15 + (-42) &= -57 \\ -23 + (-16) &= -39 \\ -41 + (-38) &= -79 \end{aligned}$$

2 B

$$\begin{aligned} -25 + (-18) &= -43 \\ -13 + (-23) &= -36 \\ -22 + (-17) &= -39 \\ -25 + (-38) &= -63 \\ -28 + (-38) &= -66 \\ -37 + (-52) &= -89 \\ -16 + (-11) &= -27 \\ -13 + (-42) &= -55 \\ -23 + (-16) &= -39 \\ -61 + (-38) &= -99 \end{aligned}$$

3 B

$$\begin{aligned} -15 + (-28) &= -43 \\ -12 + (-25) &= -37 \\ -24 + (-27) &= -51 \\ -45 + (-18) &= -63 \\ -23 + (-28) &= -51 \\ -34 + (-22) &= -56 \\ -36 + (-31) &= -67 \\ -15 + (-41) &= -56 \\ -23 + (-17) &= -40 \\ -41 + (-58) &= -99 \end{aligned}$$

4 B

$$\begin{aligned} -25 + (-18) &= -43 \\ -13 + (-55) &= -68 \\ -29 + (-23) &= -52 \\ -25 + (-19) &= -44 \\ -27 + (-22) &= -49 \\ -32 + (-27) &= -59 \\ -16 + (-33) &= -49 \\ -18 + (-31) &= -49 \\ -24 + (-27) &= -51 \\ -44 + (-51) &= -95 \end{aligned}$$

5 B

$$\begin{aligned} -20 + (-18) &= -38 \\ -15 + (-55) &= -70 \\ -19 + (-23) &= -42 \\ -35 + (-19) &= -54 \\ -22 + (-22) &= -44 \\ -12 + (-27) &= -39 \\ -17 + (-33) &= -40 \\ -38 + (-31) &= -69 \\ -54 + (-27) &= -81 \\ -14 + (-51) &= -65 \end{aligned}$$

6 B

$$\begin{aligned} -20 + (-28) &= -48 \\ -15 + (-15) &= -30 \\ -19 + (-25) &= -44 \\ -35 + (-12) &= -47 \\ -22 + (-28) &= -50 \\ -12 + (-47) &= -59 \\ -17 + (-43) &= -60 \\ -38 + (-51) &= -89 \\ -54 + (-37) &= -91 \\ -14 + (-21) &= -35 \end{aligned}$$

7 B

$$\begin{aligned} -23 + (-28) &= -51 \\ -13 + (-15) &= -28 \\ -29 + (-25) &= -54 \\ -55 + (-12) &= -67 \\ -29 + (-28) &= -57 \\ -72 + (-47) &= -119 \\ -27 + (-43) &= -70 \\ -18 + (-51) &= -69 \\ -51 + (-37) &= -88 \\ -34 + (-21) &= -55 \end{aligned}$$

8 B

$$\begin{aligned} -43 + (-28) &= -71 \\ -43 + (-15) &= -58 \\ -19 + (-25) &= -44 \\ -15 + (-12) &= -27 \\ -39 + (-28) &= -67 \\ -32 + (-47) &= -79 \\ -57 + (-43) &= -100 \\ -28 + (-51) &= -79 \\ -11 + (-37) &= -48 \\ -64 + (-21) &= -85 \end{aligned}$$

9 B

$$\begin{aligned} -43 + (-18) &= -61 \\ -43 + (-65) &= -108 \\ -19 + (-23) &= -42 \\ -15 + (-42) &= -57 \\ -39 + (-38) &= -77 \\ -32 + (-17) &= -49 \\ -57 + (-23) &= -80 \\ -28 + (-21) &= -49 \\ -11 + (-37) &= -48 \\ -64 + (-61) &= -125 \end{aligned}$$

1 C

$$\begin{aligned}43 + (-28) &= 15 \\43 + (-15) &= 28 \\19 + (-25) &= -6 \\15 + (-12) &= 3 \\39 + (-28) &= 11 \\32 + (-47) &= -15 \\57 + (-43) &= -14 \\28 + (-51) &= -23 \\11 + (-37) &= -26 \\64 + (-21) &= 43\end{aligned}$$

2 C

$$\begin{aligned}15 + (-18) &= -3 \\12 + (-23) &= -11 \\24 + (-17) &= 7 \\45 + (-38) &= 7 \\23 + (-38) &= -15 \\34 + (-52) &= -18 \\36 + (-11) &= 25 \\15 + (-42) &= -27 \\23 + (-16) &= 7 \\41 + (-38) &= 3\end{aligned}$$

3 C

$$\begin{aligned}25 + (-18) &= 7 \\13 + (-23) &= -10 \\22 + (-17) &= 5 \\25 + (-38) &= -13 \\28 + (-38) &= -10 \\37 + (-52) &= -15 \\16 + (-11) &= 5 \\13 + (-42) &= -29 \\23 + (-16) &= 7 \\61 + (-38) &= 23\end{aligned}$$

4 C

$$\begin{aligned}15 + (-28) &= -8 \\12 + (-25) &= -13 \\24 + (-27) &= -3 \\45 + (-18) &= 27 \\23 + (-28) &= -5 \\34 + (-22) &= 12 \\36 + (-31) &= 5 \\15 + (-41) &= -26 \\23 + (-17) &= 6 \\41 + (-58) &= -17\end{aligned}$$

5 C

$$\begin{aligned}25 + (-18) &= 7 \\13 + (-55) &= -42 \\29 + (-23) &= 6 \\25 + (-19) &= 6 \\27 + (-22) &= 5 \\32 + (-27) &= 5 \\16 + (-33) &= -17 \\18 + (-31) &= -13 \\24 + (-27) &= -3 \\44 + (-51) &= -7\end{aligned}$$

6 C

$$\begin{aligned}20 + (-18) &= 2 \\15 + (-55) &= -40 \\19 + (-23) &= -4 \\35 + (-19) &= 16 \\22 + (-22) &= 0 \\12 + (-27) &= -15 \\17 + (-33) &= -16 \\38 + (-31) &= 7 \\54 + (-27) &= 27 \\14 + (-51) &= -37\end{aligned}$$

7 C

$$\begin{aligned}20 + (-28) &= -8 \\15 + (-15) &= 0 \\19 + (-25) &= -6 \\35 + (-12) &= 23 \\22 + (-28) &= -6 \\12 + (-47) &= -35 \\17 + (-43) &= -26 \\38 + (-51) &= -13 \\54 + (-37) &= 17 \\14 + (-21) &= -7\end{aligned}$$

8 C

$$\begin{aligned}23 + (-28) &= -5 \\13 + (-15) &= -2 \\29 + (-25) &= 4 \\55 + (-12) &= 43 \\29 + (-28) &= 1 \\72 + (-47) &= 25 \\27 + (-43) &= -16 \\18 + (-51) &= -23 \\51 + (-37) &= 14 \\34 + (-21) &= 13\end{aligned}$$

9 C

$$\begin{aligned}43 + (-28) &= 15 \\43 + (-15) &= 28 \\19 + (-25) &= -6 \\15 + (-12) &= 3 \\39 + (-28) &= 11 \\32 + (-47) &= -15 \\57 + (-43) &= 14 \\28 + (-51) &= -23 \\11 + (-37) &= -26 \\64 + (-21) &= 43\end{aligned}$$