

XII Światowy Dzień Tabliczki Mnożenia

W klasach VI – VIII podczas lekcji matematyki uczniowie mają do rozwiązania karteczki z czterema poziomami trudności: po poprawnym rozwiązaniu jednego poziomu można przejść do poziomu wyższego.

Metoda ta (wzorowana na metodzie DiMat) ma za zadanie zaangażowanie każdego ucznia do pracy, jednocześnie każdy ma pracować na miarę swoich możliwości.

Załączniki:

- Poziom 1
- Poziom 2
- Poziom 3
- Poziom 4

Poziom 1 (do 30)

$9 \cdot 2 = _$ $24 = _ \cdot 6$ $_ \cdot 4 = 16$ $24 = 8 \cdot _$ $_ = 5 \cdot 5$	$4 \cdot 4 = _$ $35 = _ \cdot 7$ $_ \cdot 2 = 14$ $20 = 5 \cdot _$ $_ = 6 \cdot 4$	$30 = _ \cdot 5$ $_ \cdot 8 = 16$ $21 = 3 \cdot _$ $_ = 8 \cdot 3$ $6 \cdot 4 = _$
$4 \cdot 4 = _$ $18 = _ \cdot 3$ $_ \cdot 3 = 21$ $20 = 5 \cdot _$ $_ = 5 \cdot 5$	$4 \cdot 3 = _$ $18 = _ \cdot 2$ $_ \cdot 5 = 30$ $21 = 3 \cdot _$ $_ = 4 \cdot 4$	$5 \cdot 3 = _$ $18 = _ \cdot 2$ $_ \cdot 3 = 27$ $25 = 5 \cdot _$ $_ = 7 \cdot 3$
$7 \cdot 2 = _$ $12 = _ \cdot 3$ $_ \cdot 6 = 30$ $28 = 4 \cdot _$ $_ = 2 \cdot 9$	$6 \cdot 5 = _$ $18 = _ \cdot 2$ $_ \cdot 3 = 24$ $16 = 8 \cdot _$ $_ = 4 \cdot 4$	$3 \cdot 4 = _$ $24 = _ \cdot 3$ $_ \cdot 5 = 30$ $16 = 4 \cdot _$ $_ = 7 \cdot 3$
$4 \cdot 4 = _$ $20 = _ \cdot 5$ $_ \cdot 2 = 14$ $18 = 2 \cdot _$ $_ = 4 \cdot 7$	$6 \cdot 5 = _$ $16 = _ \cdot 4$ $_ \cdot 4 = 28$ $18 = 2 \cdot _$ $_ = 8 \cdot 3$	$5 \cdot 5 = _$ $24 = _ \cdot 3$ $_ \cdot 2 = 12$ $16 = 8 \cdot _$ $_ = 7 \cdot 4$

Poziom 2 (do 100)

$8 \cdot 7 = _$ $36 = _ \cdot 9$ $_ \cdot 6 = 42$ $_ : 9 = 5$ $9 \cdot _ = 72$	$9 \cdot 3 = _$ $54 = _ \cdot 6$ $_ \cdot 8 = 32$ $_ : 5 = 8$ $9 \cdot _ = 63$	$9 \cdot 6 = _$ $63 = _ \cdot 9$ $_ \cdot 9 = 45$ $_ : 7 = 6$ $8 \cdot _ = 56$
$6 \cdot 8 = _$ $72 = _ \cdot 9$ $_ \cdot 7 = 56$ $_ : 9 = 7$ $9 \cdot _ = 36$	$4 \cdot 6 = _$ $24 = _ \cdot 3$ $_ \cdot 8 = 56$ $_ : 7 = 9$ $9 \cdot _ = 54$	$8 \cdot 6 = _$ $35 = _ \cdot 5$ $_ \cdot 9 = 72$ $_ : 8 = 8$ $3 \cdot _ = 27$
$3 \cdot 8 = _$ $27 = _ \cdot 3$ $_ \cdot 6 = 54$ $_ : 6 = 8$ $9 \cdot _ = 63$	$4 \cdot 8 = _$ $36 = _ \cdot 9$ $_ \cdot 7 = 63$ $_ : 8 = 4$ $8 \cdot _ = 56$	$4 \cdot 6 = _$ $56 = _ \cdot 8$ $_ \cdot 7 = 63$ $_ : 7 = 5$ $9 \cdot _ = 54$
$9 \cdot 7 = _$ $54 = _ \cdot 9$ $_ \cdot 4 = 36$ $_ : 8 = 7$ $9 \cdot _ = 72$	$9 \cdot 3 = _$ $56 = _ \cdot 8$ $_ \cdot 4 = 28$ $_ : 7 = 9$ $7 \cdot _ = 42$	$6 \cdot 9 = _$ $32 = _ \cdot 4$ $_ \cdot 8 = 48$ $_ : 8 = 7$ $9 \cdot _ = 63$

Poziom 3

54 = a • b a • b = 48 56 = a • b a • b = 63 36 = a • b	<table><tr><th>a</th><th>b</th></tr><tr><td></td><td></td></tr><tr><td></td><td></td></tr><tr><td></td><td></td></tr><tr><td></td><td></td></tr><tr><td></td><td></td></tr></table>	a	b											42 = a • b a • b = 63 28 = a • b a • b = 56 81 = a • b	<table><tr><th>a</th><th>b</th></tr><tr><td></td><td></td></tr><tr><td></td><td></td></tr><tr><td></td><td></td></tr><tr><td></td><td></td></tr><tr><td></td><td></td></tr></table>	a	b										
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72 = a • b 63 = a • b 99 = a • b a • b = 42 a • b = 56	<table><tr><th>a</th><th>b</th></tr><tr><td></td><td></td></tr><tr><td></td><td></td></tr><tr><td></td><td></td></tr><tr><td></td><td></td></tr><tr><td></td><td></td></tr></table>	a	b											a • b = 100 90 = a • b a • b = 88 a • b = 45 a • b = 56	<table><tr><th>a</th><th>b</th></tr><tr><td></td><td></td></tr><tr><td></td><td></td></tr><tr><td></td><td></td></tr><tr><td></td><td></td></tr><tr><td></td><td></td></tr></table>	a	b										
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a • b = 54 a • b = 64 77 = a • b 63 = a • b 36 = a • b	<table><tr><th>a</th><th>b</th></tr><tr><td></td><td></td></tr><tr><td></td><td></td></tr><tr><td></td><td></td></tr><tr><td></td><td></td></tr><tr><td></td><td></td></tr></table>	a	b											a • b = 50 a • b = 30 32 = a • b 18 = a • b a • b = 75	<table><tr><th>a</th><th>b</th></tr><tr><td></td><td></td></tr><tr><td></td><td></td></tr><tr><td></td><td></td></tr><tr><td></td><td></td></tr><tr><td></td><td></td></tr></table>	a	b										
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Poziom 4 (można wykorzystać sposób pisemny)

$14 \cdot 7 = _$ $85 = _ \cdot 5$ $_ = 42 \cdot 3$ $342 : 9 = _$ $8 \cdot _ = 376$	$13 \cdot 12 = _$ $105 = _ \cdot 5$ $_ = 32 \cdot 8$ $192 : 8 = _$ $7 \cdot _ = 266$
$28 \cdot 6 = _$ $102 = _ \cdot 6$ $_ = 34 \cdot 8$ $98 : 7 = _$ $8 \cdot _ = 272$	$29 \cdot 6 = _$ $112 = _ \cdot 7$ $_ = 24 \cdot 9$ $144 : 8 = _$ $8 \cdot _ = 208$
$24 \cdot 7 = _$ $296 = _ \cdot 8$ $_ = 38 \cdot 9$ $216 : 9 = _$ $9 \cdot _ = 441$	$17 \cdot 7 = _$ $232 = _ \cdot 2 \cdot 4$ $_ = 9 \cdot 4 \cdot 7$ $288 : 8 = _$ $7 \cdot _ = 329$
$47 \cdot 8 = _$ $216 = _ \cdot 9$ $_ = 37 \cdot 7$ $135 : 9 = _$ $6 \cdot _ = 282$	$39 \cdot 5 = _$ $162 = _ \cdot 6$ $_ = 48 \cdot 6$ $261 : 9 = _$ $8 \cdot _ = 208$