

Sestav svou úlohu – výrazy – zadání

Sada úloh 1 (nejlehčí)

L	C	E
$-\frac{2}{3}$	$\frac{1}{a-2} \cdot \frac{2(a-2)}{2 \cdot 3}$	$\frac{-1}{a-2} \cdot \frac{3}{2a-4}$
K	O	D
$\frac{1}{a+2} \cdot \frac{2a+4}{3}$	$\frac{1}{a-2} \cdot \frac{6}{2a-4}$	$\frac{2}{3}$
H	F	B
$\frac{-1}{a-2} \cdot \frac{2(a-2)}{3}$	$\frac{3}{2}$	$\frac{1}{3}$
M	G	J
$(a+2) \cdot \frac{3}{2a+4}$	$2 + a \cdot \frac{3}{a+2}$	$\frac{5a+4}{a+2}$
I	N	A
$\frac{2a+4}{a+2} + \frac{3a}{a+2}$	$\frac{1}{a+2} \cdot \frac{2(a+2)}{3}$	$\frac{a+2}{1} \cdot \frac{3}{2(a+2)}$

Sada úloh 2 (střední obtížnost)

P	M	L
$\frac{2m-3}{3m+2} \cdot \frac{6-4m}{9m+6}$	$\frac{3(3m-2)}{3m-2} \cdot \frac{2(2m+3)}{2m+3}$	$\frac{1}{6}$
V	Q	R
$\frac{3m-2}{9m-6} \cdot \frac{2m+3}{4m+6}$	$\frac{9m-6}{3m-2} \cdot \frac{2m+3}{4m+6}$	$-\frac{3}{2}$
S	N	O
$\frac{4m+6}{9m+6} \cdot \frac{2m+3}{3m+2}$	$\frac{3m-2}{3(3m-2)} \cdot \frac{2m+3}{2(2m+3)}$	$\frac{3}{2}$
X	Z	W
$\frac{3(2m+3)}{2(3m+2)} \cdot \frac{3m+2}{2m+3}$	$\frac{2(2m+3)}{3(3m+2)} \cdot \frac{3m+2}{2m+3}$	$\frac{2}{3}$
U	Y	T
$\frac{6m+9}{6m+4} \cdot \frac{3m+2}{2m+3}$	$\frac{2m-3}{3m+2} \cdot \frac{3(3m+2)}{2(3-2m)}$	6

Sada úloh 3 (nejvyšší obtížnost)

F	$\frac{y}{x-y} : \frac{xy}{y^2-x^2}$	R	$\frac{(y-x)(y+x)}{-x(y-x)}$	Q	$\frac{y}{xy} \cdot \frac{2x^2-2}{x-1}$
E	$-\frac{x+y}{x}$	K	$\frac{x+y}{2x} : \frac{x^2-y^2}{2x-2y}$	M	$\frac{2(x+1)}{x}$
C	$\frac{y}{1-x} : \frac{y^2}{x^2-1}$	L	$\frac{x+y}{x} \cdot \frac{x-y}{(x-y)(x+y)}$	H	$-\frac{x+1}{y}$
D	$\frac{(x+y)(x-y)}{y} \cdot \frac{1}{x+y}$	P	$\frac{1}{x}$	J	$\frac{y}{x-y} \cdot \frac{(y-x)(y+x)}{xy}$
G	$\frac{1}{x} \cdot \frac{2(x^2-1)}{x-1}$	I	$\frac{x^2-y^2}{xy} \cdot \frac{x}{x+y}$	B	$\frac{x-y}{y}$
				N	$\frac{y}{1-x} \cdot \frac{(x+1)(x-1)}{y^2}$
				O	$\frac{(x+1)(x-1)}{-y(x-1)}$
				A	$\frac{x+y}{2x} \cdot \frac{2(x-y)}{x^2-y^2}$