

1

HERBERT + HŘÍBKŮ

- 1. $x - 7$ (19)
- 2. $x + 8$ (34)
- 3. x .. (26)

$\Sigma 49$
 $x - 7 + x + 8 + x = 49$
 $x = 26$

- (2)
- x
 - $x + 2$
 - $x + 4$
 - $x + 6$
-
- 116

$x = 26$
 26, 28, 30, 32

- (3)
- 1. x - (16)
 - 2. $3x$ (48)
 - 3. $3x - 22$ (26)
-
- $\Sigma 90$

$x + 3x + 3x - 22 = 90$
 $x = 16$

- (4)
- SPICKA .. x ... 9hr .. $9x$
 - KROMBOLO .. y ... 12hr .. $12y$
 - CELKOM 21 (213)

$x + y = 21$
 $9x + 12y = 213$
 $x = 13, y = 8$

- (5)
- 1. x 3L $3x$
 - 2. y 4L $4y$
 - OBRA 14 (59)

$x + y = 14$
 $3x + 4y = 59$
 $x = 9, y = 8$

- (6)
- 1. ... 12h ... $\frac{1}{12}$... $\frac{4}{12} = \frac{1}{3}$
 - 2. ... 15h ... $\frac{1}{15}$... $\frac{4}{15}$
 - 3. ... x ... $\frac{1}{x}$... $\frac{4}{x}$
 - VSOCHM 4h

$\frac{1}{3} + \frac{4}{15} + \frac{4}{x} = 1 \quad | \cdot 15x$
 $5x + 4x + 60 = 15x$
 $6x = 60$
 $x = 10$ h

- (7)
- 1. ... 4h
 - 2. ... 5h
 - 3. ... 8h měří nás 4h ... 3h

(7.1) 1. ... 4h
 2. ... 5h
 8h ... x
 $\frac{x}{4} + \frac{x}{5} = 1 \quad | \cdot 20$
 $5x + 4x = 20$
 $x = 2,2$ h (NE)

(7.2) (NO) 1.3. $\frac{x}{4} + \frac{x}{3} = 1 \quad | \cdot 12$
 $3x + 4x = 12$
 $7x = 12$
 $x = 1,71$ h

(7.3) 2. + 3. $\frac{x}{5} + \frac{x}{3} = 1 \quad | \cdot 15$
 $3x + 5x = 15$
 $8x = 15$
 $x = 1,875$ h (NO)

(8)

	v	L	s
KAROL	$60 \frac{\text{km}}{\text{h}}$	x	$60x$
PEPA	$80 \frac{\text{km}}{\text{h}}$	x	$80x$

$60x + 80x = 210$
 $x = 1,5$ h
 $7^{00} + 1^{00} = \text{v } 9 \text{ hod}$

(9)

	v	L	s
MA	$30 \frac{\text{km}}{\text{h}}$	$x + 2,5$	$30(x + 2,5)$
M	$80 \frac{\text{km}}{\text{h}}$	x	$80x$

$30(x + 2,5) = 80x$ 9.1.
 $x = 1,5$ h $15^{00} + 1^{00} = 16^{00}$ (D)

9.2. $30 \cdot 80 \cdot 1,5 = 120$ km (B)