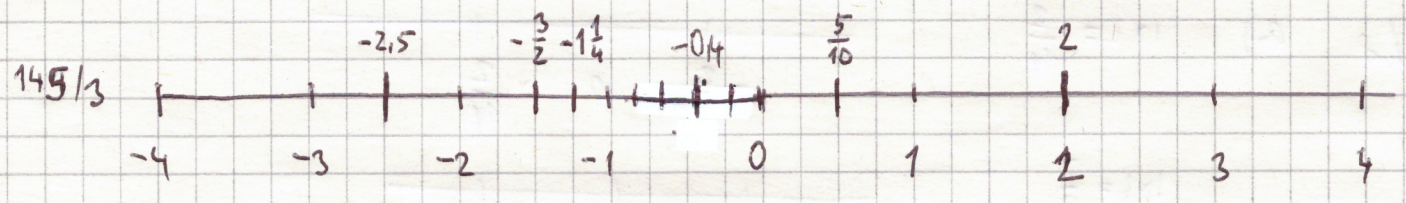


144/1 $\frac{4}{3} = \frac{8}{6} = 1,3 = 1\frac{1}{3}$
 $-5 = -\frac{10}{2} = -\frac{50}{10} = -5,0$
 $-0,8 = -\frac{4}{5} = -\frac{8}{10} = -\frac{16}{20}$
 $0,4 = \frac{4}{10} = \frac{2}{5} = \frac{8}{20}$
 $-\frac{1}{5} = -0,2 = -\frac{2}{10} = -\frac{10}{50}$
 $7 = 7,0 = \frac{70}{10} = \frac{7}{1}$

MOŽNOSTI JE SAMOZREČNE
 VIČ

145/2
 A = -3,5 = - $\frac{7}{2}$ B = 8 = $\frac{8}{1}$ C = -6,5 = - $\frac{13}{2}$
 D = - $\frac{1}{3}$ = -0,333... E = 2,8 = $\frac{14}{5}$ F = 0,5 = $\frac{1}{2}$
 G = - $\frac{3}{8}$ = -0,375 H = -2 = - $\frac{2}{1}$ I = 1,3 = $\frac{13}{10}$
 J = -3,25 = -3 $\frac{1}{4}$ K = -1,5 = -1 $\frac{1}{2}$ L = 2,8 = $\frac{14}{5}$



145/4

a) $-5 \rightarrow 5$ $4 \rightarrow -4$ $3 \rightarrow -3$ $-7 \rightarrow 7$
 $-9 \rightarrow 9$ $7 \rightarrow -7$

b) $-\frac{7}{8} \rightarrow \frac{7}{8}$ $-3,7 \rightarrow 3,7$ $4\frac{2}{3} \rightarrow -4\frac{2}{3}$ $\frac{7}{10} \rightarrow -\frac{7}{10}$

$0,8 \rightarrow -0,8$ $-2,9 \rightarrow 2,9$ $-7 \rightarrow 7$ $-2\frac{3}{5} \rightarrow 2\frac{3}{5}$

$\frac{16}{9} \rightarrow -\frac{16}{9}$ $0 \rightarrow 0$ $-100 \rightarrow 100$ $\frac{10}{7} \rightarrow -\frac{10}{7}$

$$146/6 \quad a) -\left(-\frac{2}{3}\right) = \frac{2}{3}$$

$$b) -\left(+\frac{7}{3}\right) = -\frac{7}{3}$$

17-2

$$-(+1,5) = -1,5$$

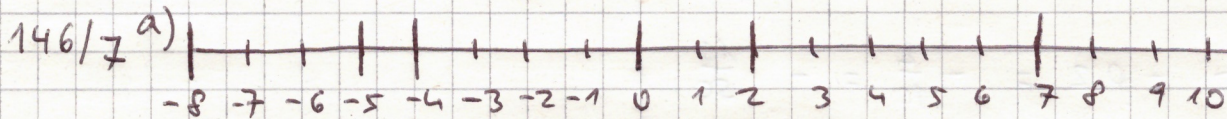
$$-\left(-\frac{2}{5}\right) = \frac{2}{5}$$

$$c) -\left(-\frac{7}{8}\right) = \frac{7}{8}$$

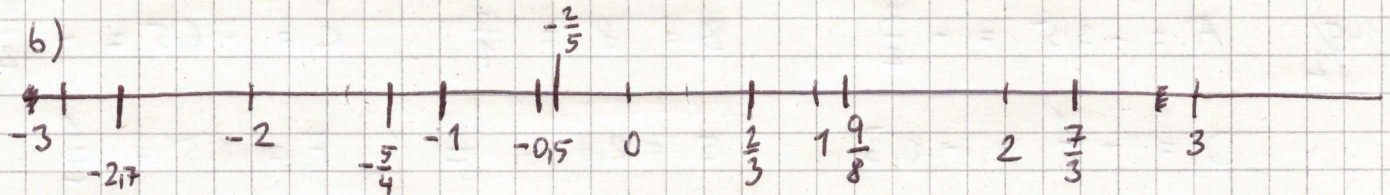
$$d) -\left(-\frac{10}{9}\right) = \frac{10}{9}$$

$$-(+4) = -4$$

$$-(-6) = 6$$



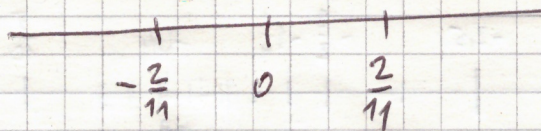
$$|-8| = 8 \quad |-5| = 5 \quad |-4| = 4 \quad |0| = 0 \quad |2| = 2 \quad |7| = 7$$



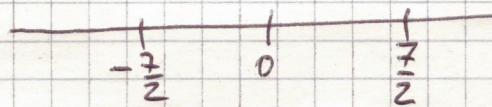
$$|-2,7| = 2,7 \quad \left|-\frac{5}{4}\right| = \frac{5}{4} \quad |-0,5| = 0,5 \quad \left|-\frac{2}{5}\right| = \frac{2}{5} \quad \left|\frac{2}{3}\right| = \frac{2}{3}$$

$$\left|\frac{9}{8}\right| = \frac{9}{8} \quad \left|\frac{7}{3}\right| = \frac{7}{3}$$

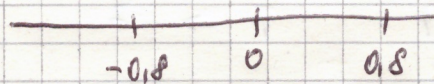
146/8 a) $|x| = \frac{2}{11}$



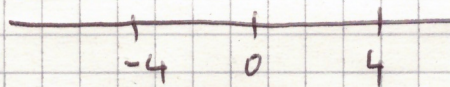
$$|x| = \frac{7}{2}$$



b) $|x| = 0,8$



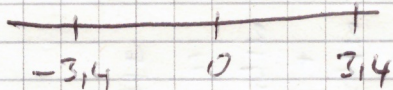
$$|x| = 4$$



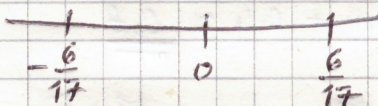
146/8

c)

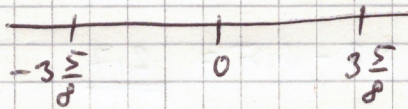
$|x| = 3,4$



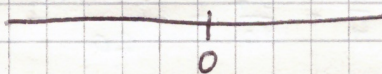
$|x| = \frac{6}{17}$



d) $|x| = 3\frac{5}{8}$



$|x| = 0$



M7-3

146/9

$-2,7 < -0,5 = -\frac{1}{2} < 0 < \frac{3}{10} < 1,2 < 1,4$

146/11

a) $-0,5 > -0,875$

b) $\frac{2}{5} < \frac{5}{12}$

$-0,5 < 0,3$

$-\frac{19}{20} < -\frac{18}{20}$

$2,3 > 1,25$

$-\frac{1}{4} < \frac{9}{5}$

$-0,6 > -1,9$

$-\frac{7}{10} < \frac{1}{2}$

$3,8 > -2,14$

$\frac{7}{8} > \frac{3}{4}$

$0,25 < 0,625$

$\frac{3}{11} > -\frac{28}{10}$

147/12

1,5 kg

<

$1\frac{3}{5} \text{ kg} = 1,6 \text{ kg}$

148/2

a) $\frac{2}{5} + 0,4 = \frac{2}{5} + \frac{2}{5} = \underline{\underline{\frac{4}{5}}}$
 $\frac{2}{5} + 0,4 = 0,4 + 0,4 = \underline{\underline{0,8}}$

$3,2 - \frac{1}{2} = \frac{32}{10} - \frac{1}{2} = \frac{32-5}{10} = \underline{\underline{\frac{27}{10}}}$

$3,2 - \frac{1}{2} = 3,2 - 0,5 = \underline{\underline{2,7}}$

$0,25 + 5,8 = \frac{1}{4} + \frac{58}{10} = \frac{5+116}{20} = \underline{\underline{\frac{121}{20}}}$

$0,25 + 5,8 = \underline{\underline{6,05}}$

b) $\frac{3}{2} \cdot 0,4 = \frac{3}{2} \cdot \frac{2}{5} = \underline{\underline{\frac{3}{5}}}$

$\frac{3}{2} \cdot 0,4 = 1,5 \cdot 0,4 = \underline{\underline{0,60}}$

$0,2 \cdot \frac{1}{4} = \frac{1}{5} \cdot \frac{1}{4} = \underline{\underline{\frac{1}{20}}}$

$0,2 \cdot \frac{1}{4} = 0,2 \cdot 0,25 = \underline{\underline{0,05}}$

c) $\frac{5}{2} : 0,5 = \frac{5}{2} : \frac{1}{2} = \frac{5}{2} \cdot \frac{2}{1} = \underline{\underline{5}}$

$2\frac{5}{2} : 0,5 = 2,5 : 0,5 = \underline{\underline{5}}$

$0,6 : \frac{1}{2} = \frac{3}{5} \cdot \frac{2}{1} = \underline{\underline{\frac{6}{5}}}$

$0,6 : \frac{1}{2} = 0,6 : 0,5 = \underline{\underline{1,2}}$

$1,8 : \frac{3}{10} = \frac{18}{10} : \frac{3}{10} = \frac{18}{10} \cdot \frac{10}{3} = \underline{\underline{6}}$

$1,8 : \frac{3}{10} = 1,8 : 0,3 = \underline{\underline{6}}$

148/2

$$d) 4 + \frac{1}{25} = \frac{100+1}{25} = \frac{101}{25}$$

$$4 + \frac{1}{25} = 4 + 0,04 = \underline{\underline{4,04}}$$

$$2 - \frac{7}{10} = \frac{20-7}{10} = \frac{13}{10}$$

$$2 - \frac{7}{10} = 2 - 0,7 = \underline{\underline{1,3}}$$

$$0,9 - \frac{3}{4} = \frac{9}{10} - \frac{3}{4} = \frac{18-15}{20} = \frac{3}{20}$$

$$0,9 - \frac{3}{4} = 0,9 - 0,75 = \underline{\underline{0,15}}$$

$$e) \frac{7}{8} \cdot 0,2 = \frac{7}{8} \cdot \frac{2}{10} = \frac{7}{40}$$

$$\frac{7}{8} \cdot 0,2 = 0,875 \cdot 0,2 = \underline{\underline{0,175}}$$

$$0,25 \cdot \frac{9}{4} = \frac{1}{4} \cdot \frac{9}{4} = \frac{9}{16}$$

$$0,25 \cdot \frac{9}{4} = 0,25 \cdot 2,25 = \underline{\underline{0,5625}}$$

$$\frac{9}{5} \cdot 0,5 = \frac{9}{5} \cdot \frac{1}{2} = \frac{9}{10}$$

$$\frac{9}{5} \cdot 0,5 = \frac{9}{5} \cdot \frac{1}{2} = 1,8 \cdot 0,5 = \underline{\underline{0,9}}$$

17-5

148/3

$$a) -\frac{7}{8} + 0,4 = -\frac{14}{40}$$

$$\frac{2}{3} - 0,9 = -\frac{7}{30}$$

$$\frac{8}{5} - (-1,2) = \frac{14}{5}$$

$$b) -2,4 - \frac{3}{10} = -\frac{27}{10}$$

$$-\frac{11}{12} + 0,7 = -\frac{49}{60}$$

$$\frac{1}{3} + (-0,5) = -\frac{1}{6}$$

$$c) (-0,4) \cdot \frac{5}{3} = -\frac{2}{3}$$

$$\frac{7}{6} \cdot (-0,3) = -\frac{7}{20}$$

$$(-0,1) \cdot \left(-\frac{5}{4}\right) = \frac{1}{8}$$

$$d) \left(-\frac{5}{6}\right) : 0,5 = -\frac{5}{3}$$

$$7,2 : \left(-\frac{9}{10}\right) = -8$$

$$(-3,6) : \left(-\frac{2}{5}\right) = 9$$

149/4

BAROVNE'

1,5h

BILÉ'

+ $\frac{2}{3}h$

$$1,5 + \frac{2}{3} = \frac{3}{2} + \frac{2}{3} = \frac{9+4}{6} = \frac{13}{6} =$$

$$= 2\frac{1}{6}h = \underline{\underline{2h 10min}}$$

17-6

149/5

CELKOM 2,5h

UTRIBENÁ' $\frac{3}{4}h$ BRUSLE' $\frac{1}{2}h$

KOLLO

:

$$2,5 - \left(\frac{3}{4} + \frac{1}{2}\right) = 2,5 - (0,75 + 0,5) = \frac{1,25}{1,25} = \underline{\underline{1,25h}}$$

149/6

KOUPILA $\frac{3}{4}kg$

SMÁŽENÝ' 0,5kg

POHÁŘA'NKÁ $\frac{1}{5}$

$$\frac{3}{4} = 0,75kg$$

$$0,5 + 0,2 = 0,7 < 0,75$$

$$\frac{1}{5} = 0,2kg$$

STAO!

149/7

A $\frac{4}{15}$

B = 0

C = $\frac{14}{15}$

D = $-\frac{21}{10}$

E = 0

F = $\frac{89}{30}$

G = 0

H = $\frac{14}{15}$

I = $-\frac{99}{40}$

J = 0

K = $\frac{4}{15}$

L = $\frac{48}{35}$

M = $-\frac{21}{10}$

N = $-\frac{99}{40}$

O = $-\frac{49}{30}$

P = $\frac{48}{35}$

B-E-G-J

C-H

A-K

D-M

L-P

I-N

$$149/8 \quad A \quad \frac{3}{50} \quad \checkmark \quad B \quad \frac{3}{1750} \quad \checkmark \quad C \quad 1 \quad \checkmark$$

M7-2

$$D \quad -\frac{49}{3} \quad \checkmark \quad E \quad 1 \quad \checkmark \quad F \quad -\frac{7}{15} \quad G \quad -\frac{49}{3} \quad \checkmark$$

$$H \quad -\frac{5}{21} \quad \checkmark \quad I \quad -\frac{14}{5} \quad \checkmark \quad J \quad 1 \quad \checkmark \quad K \quad \frac{3}{1750} \quad \checkmark$$

$$L \quad -\frac{14}{5} \quad \checkmark \quad M \quad -\frac{14}{5} \quad \checkmark \quad N \quad -1 \quad O \quad \frac{3}{50} \quad \checkmark$$

$$P \quad -\frac{5}{21} \quad \checkmark$$

$$A - O$$

$$D - G$$

$$B - K$$

$$H - P$$

$$C - E - J \quad L - M - I$$

$$150/9 \quad a) \quad \frac{3}{5} + 0 = \underline{\underline{\frac{3}{5}}} \quad -\frac{2}{9} + 0 = \underline{\underline{-\frac{2}{9}}} \quad \frac{7}{5} + 0 = \underline{\underline{\frac{7}{5}}}$$

$$0,6 + 0 = \underline{\underline{0,6}} \quad -1,7 + 0 = \underline{\underline{-1,7}}$$

$$b) \quad \frac{5}{3} \cdot 0 = \underline{\underline{0}} \quad -\frac{8}{9} \cdot 0 = \underline{\underline{0}} \quad 7,5 \cdot 0 = \underline{\underline{0}}$$

$$-4,1 \cdot 0 = \underline{\underline{0}} \quad \frac{2}{3} \cdot 0 = \underline{\underline{0}}$$

NAJDETE-LI CHYBU, POKUD ZDE NEJAKA JE,
OZVEŤE SE. BUDETE ODMENENI.

KK.