

Math 4a. Homework 16.



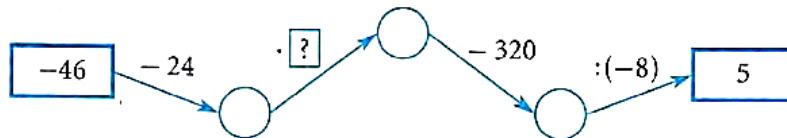
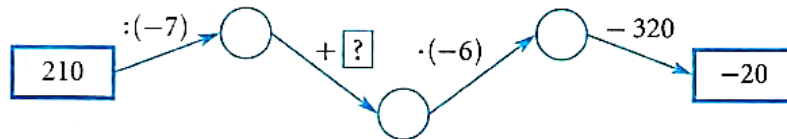
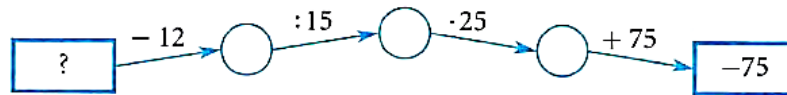
Problems marked with * are more difficult.

- Evaluate the expression:

a.
$$\frac{\left(0.3 - \frac{3}{20}\right) \cdot 1\frac{1}{2}}{\left(1.88 + 2\frac{3}{25}\right) \cdot \frac{1}{80}};$$

Answer is 4.5, but you need to show your solution.

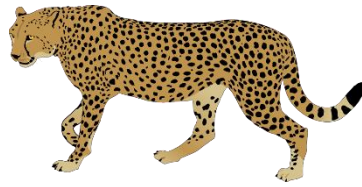
- In a dried fruit mix, there are 7 parts of dried apples, 4 parts of dried pears and 5 parts of dried apricots. What is the weight (how many grams) of apples, pears, and apricots in the fruit mix, if the total weight of the mix is 1600g?
- In order to prepare a homemade dried fruits and nuts mix Mary took 6 parts of raisins, 5 parts of dried cranberries and 3 parts of walnuts. Cranberries and walnuts altogether weighted 2 kg 400 g. What was the weight of the mix that Mary prepared?
- What number should be placed instead of “?” ?



5. Represent the following values of speed in $\frac{km}{h}$ units and connect to the appropriate pictures.



$$5.4 \frac{m}{h} =$$



$$91.7 \frac{m}{min} =$$



$$1.83 \frac{km}{min} =$$

6. For the four pictures below, come up with the problem and solve it

