

1 часть. Натуральные числа.

Задачи на движение

5 класс

~~$S = t \cdot v$~~

v

t

S

58 $\frac{\text{KM}}{\text{ч}}$

2ч

116KM



v

t

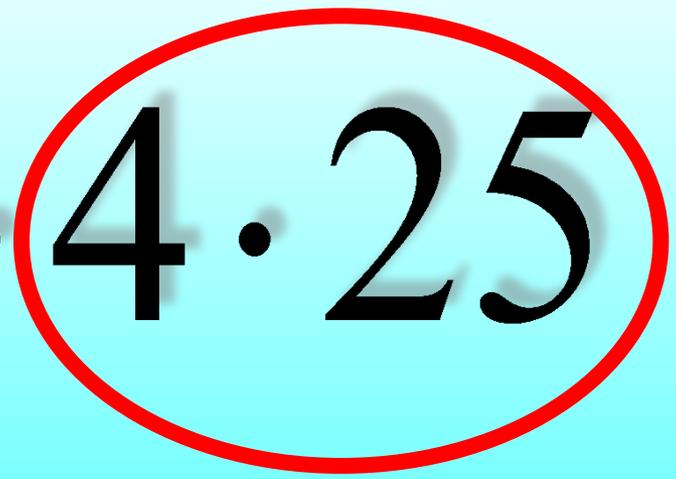
S

16M/c

25c

400M

$$16 \cdot 25 = 4 \cdot 4 \cdot 25$$



v

t

S

30 M/c

~~40 c~~

~~11200 M~~



v

t

S

20M/c

~~**50c**~~

~~**1000M**~~



v

t

S

$$8 \frac{\text{KM}}{\text{ч}}$$

4ч

32KM



v

t

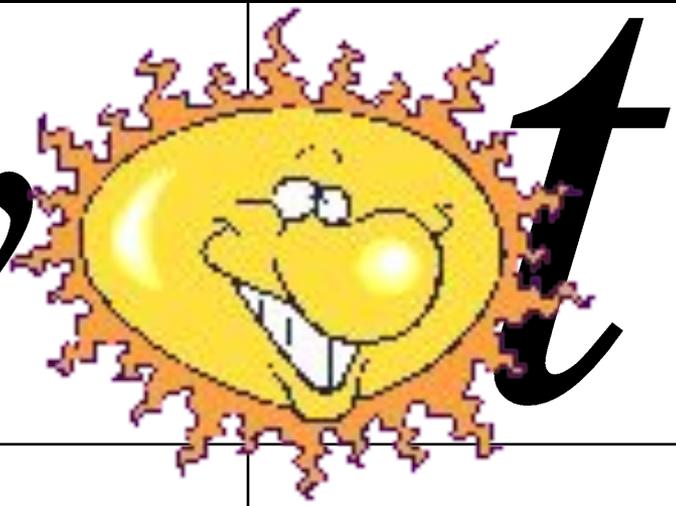
S

$8\text{M}/c$

$125c$

1000M

v



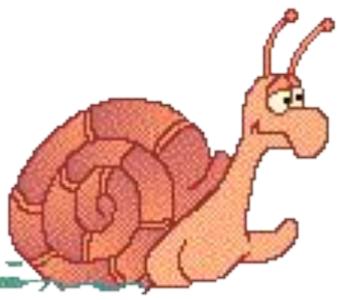
t

S

5м/ч

30мин

25дм



**20 МИ
Н**



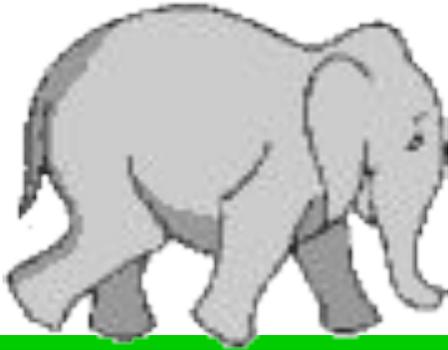
24 KM



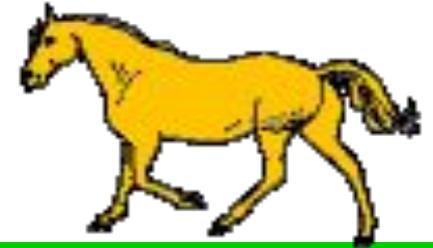
30 км/с

$$v = ?$$

35 км/ч



52 км/ч



$$v_{\text{навст}} = 35 + 52$$

$$v = ?$$

18 км/ч **26 км/ч**



$$V_{\text{в прот}} = 18 + 26$$

$$v = ?$$

17 км/ч

5 км/ч



$$v_{\text{вдог}} = 17 - 5$$

$$v = ?$$

1 M/c
→

16 M/c
→

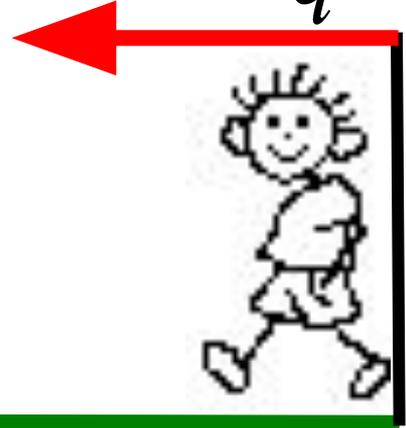


$$V_{c o m c} = 16 - 1$$

$$16 : (3 + 5)$$

$$3 \frac{\text{км}}{\text{ч}}$$

$$5 \frac{\text{км}}{\text{ч}}$$



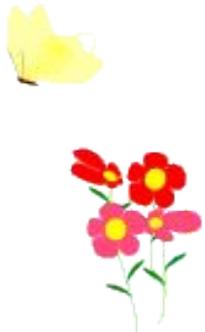
$t = ?$

встр

Навстречу

друг

другу.



Вдогонку

$$280 : (120 - 50)$$

50 м/мин

120 м/мин



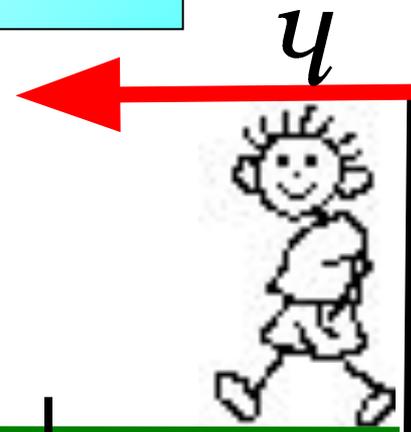
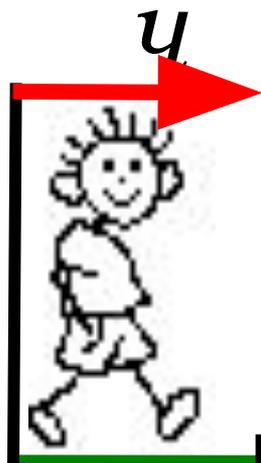
280 м

$t_{\text{вст}} = ?$

$3 \frac{\text{KM}}{\text{ч}}$

$$38 - (3 + 5) \cdot 2$$

$5 \frac{\text{KM}}{\text{ч}}$



?

Навстречу

друг

другу.

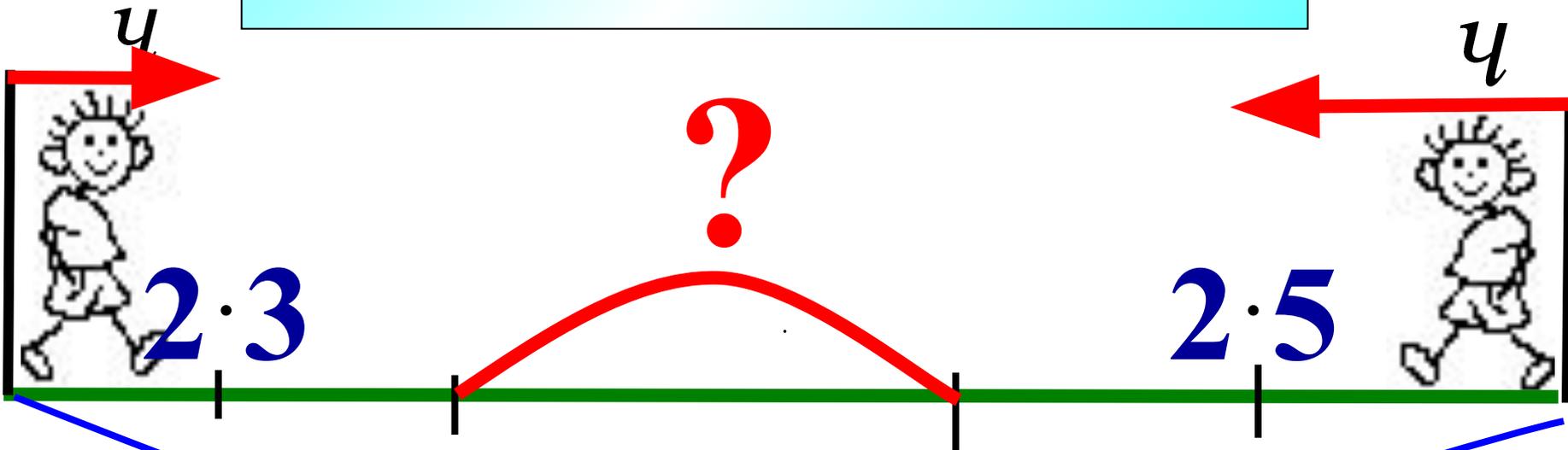
$t = 2 \text{ ч}$



$3 \frac{\text{KM}}{\text{ч}}$

$$38 - (2 \cdot 3 + 2 \cdot 5)$$

$5 \frac{\text{KM}}{\text{ч}}$



$t = 2 \text{ч}$

38 KM



$$3 + (3 + 5) \cdot 2$$



3 км

$t = 2 \text{ ч}$

В

ПРОТИВОПОЛОЖНЫ

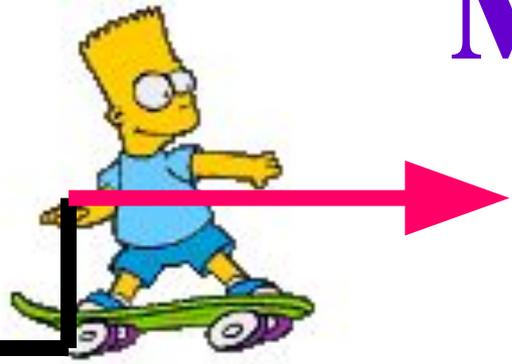
Х

НАПРАВЛЕНИЯХ

50 м

ОТСТАВАНИЕ
 $(120 - 50) \cdot 2$

М



20 м

$t = 2$ МИ

И

Вдогонк

$$120 \text{ м/мин} \cdot 2 \text{ мин} - (120 - 50) \cdot 2$$



280 м

$t = 2 \text{ мин}$



н