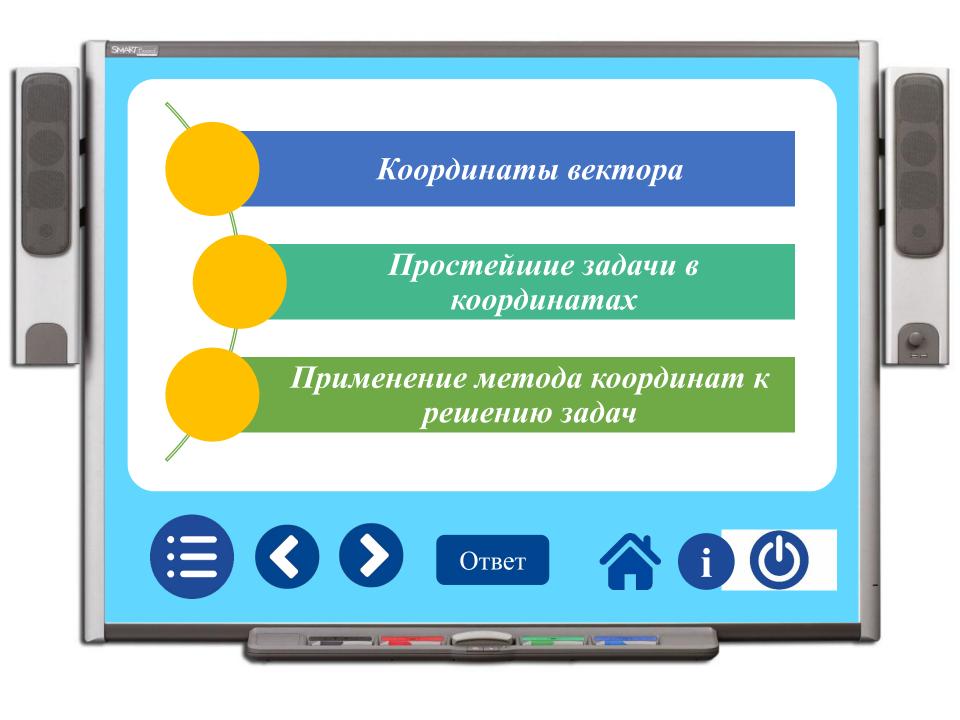
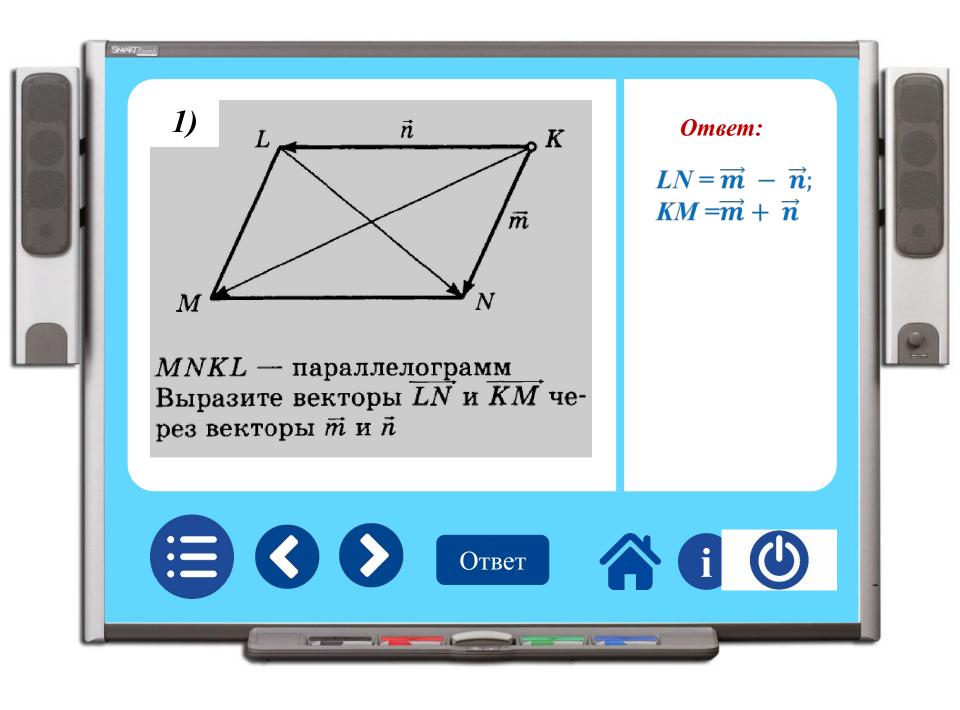
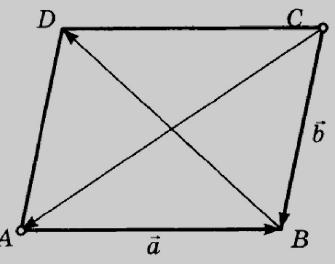


(1)









ABCD — параллелограмм Выразите векторы \overrightarrow{BD} и \overrightarrow{CA} через векторы \vec{a} и \vec{b}

Ответ:

$$BD = -\vec{a} - \vec{b};$$

$$CA = -\vec{a} - \vec{b}$$







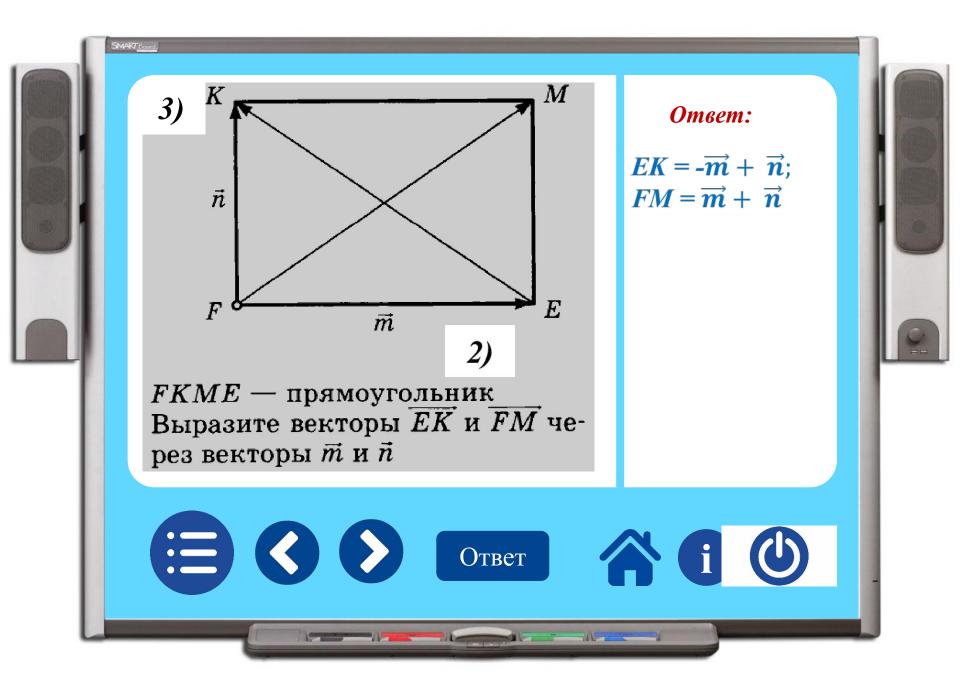


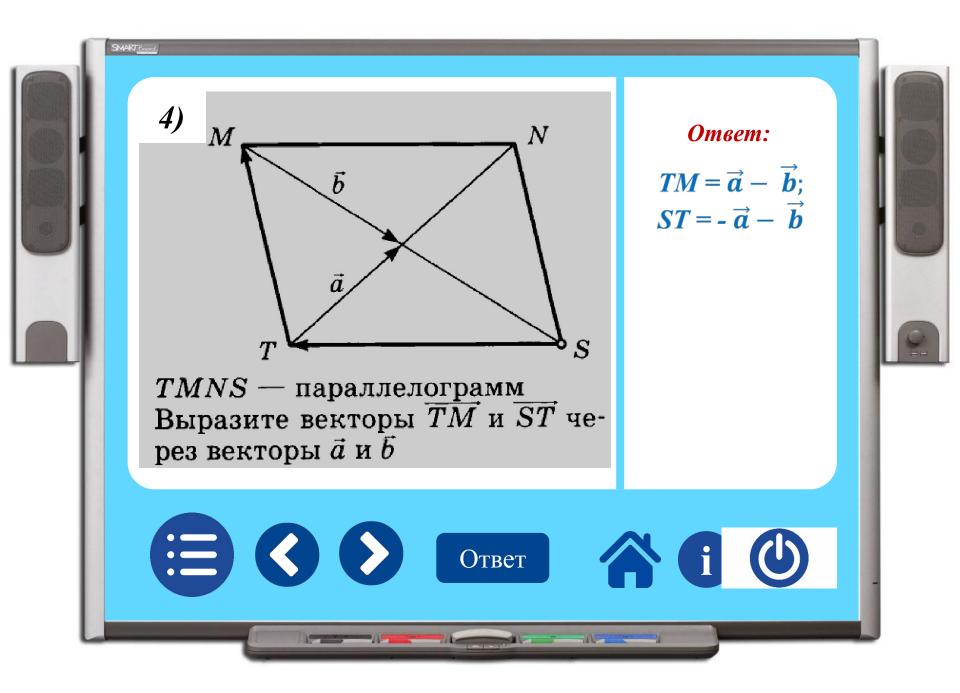




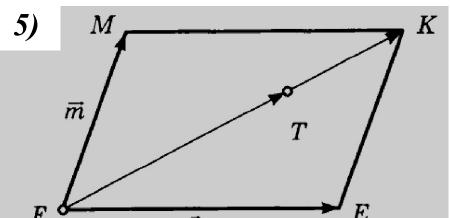












МКЕГ — параллелограмм

FT: TK = 3:1

Разложите вектор \overrightarrow{FT} по векторам \vec{m} и \vec{n}

Ответ:

$$FT = \frac{3}{4}\overrightarrow{m} + \frac{3}{4}\overrightarrow{n}$$





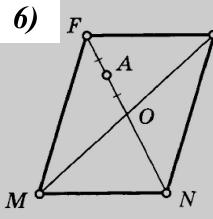












FENM параллело-

грамм

Найдите (если это возможно) такое число k, чтобы выполнялось равенство:

a)
$$\overrightarrow{FN} = k \cdot \overrightarrow{FO}$$
;

e)
$$\overrightarrow{FA} = k \cdot \overrightarrow{NF}$$
;

6)
$$\overrightarrow{MO} = k \cdot \overrightarrow{ME}$$
;

ж)
$$\overrightarrow{AN} = k \cdot \overrightarrow{FA}$$
;

B)
$$\overrightarrow{ON} = k \cdot \overrightarrow{NF}$$
;

3)
$$\overrightarrow{FN} = k \cdot \overrightarrow{NA}$$
;

$$\Gamma$$
) $\overrightarrow{FM} = k \cdot \overrightarrow{NE}$; Π) $\overrightarrow{NE} = k \cdot \overrightarrow{EF}$;

и)
$$\overrightarrow{NE} = k \cdot \overrightarrow{EF}$$

д)
$$\overrightarrow{MN} = k \cdot \overrightarrow{EF}$$
;

$$\kappa$$
) $\overrightarrow{FO} = k \cdot \overrightarrow{ME}$

Ответ:

$$FT = \frac{3}{4}\overrightarrow{m} + \frac{3}{4}\overrightarrow{n}$$



Ответ

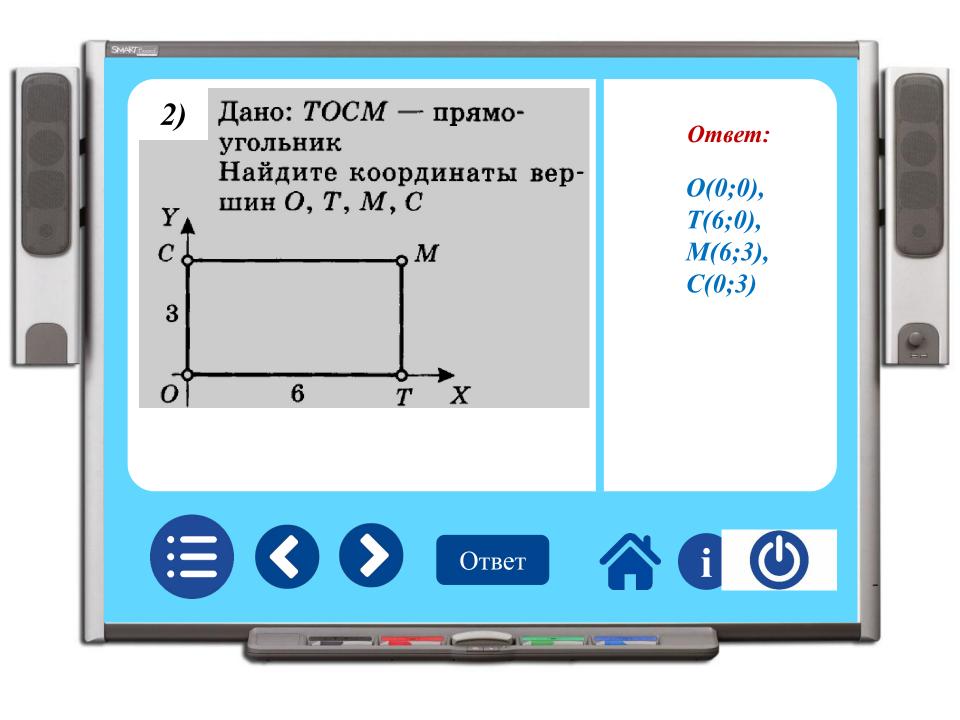


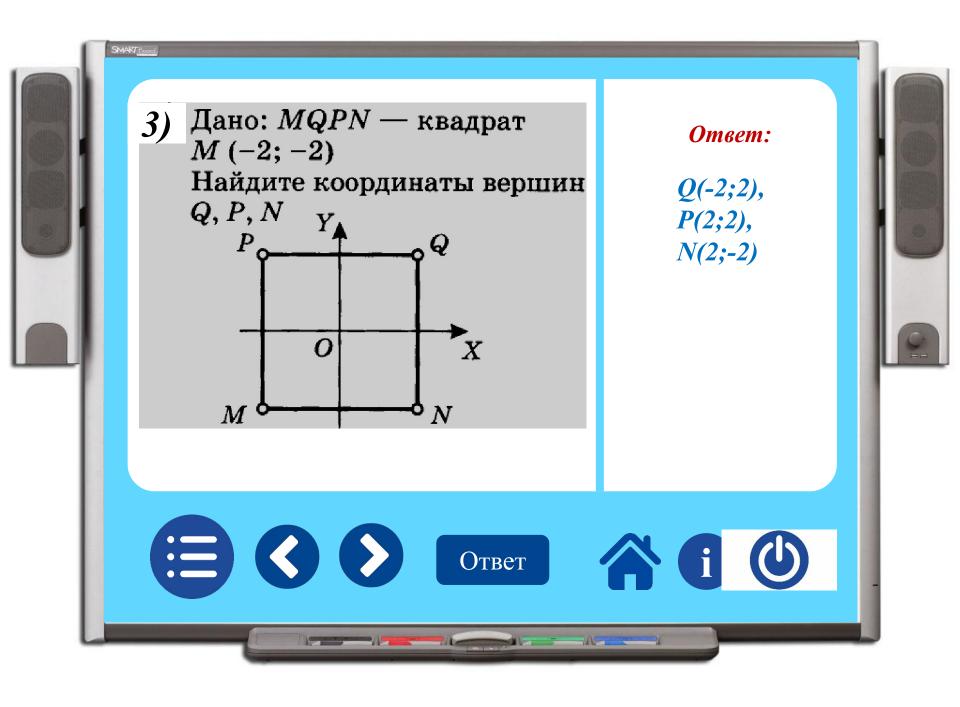


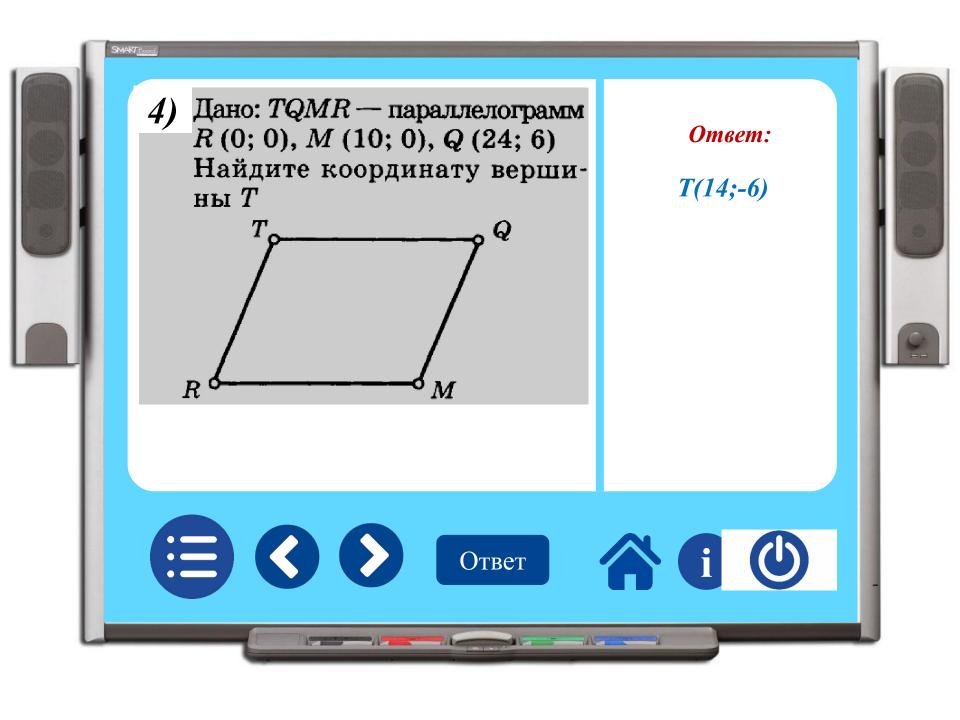


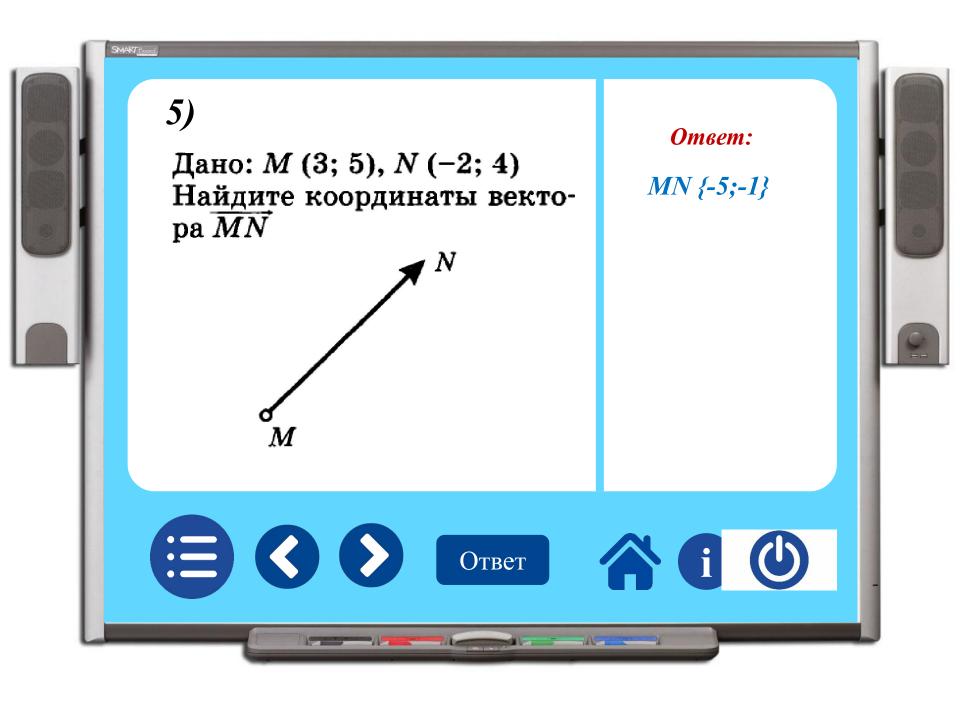


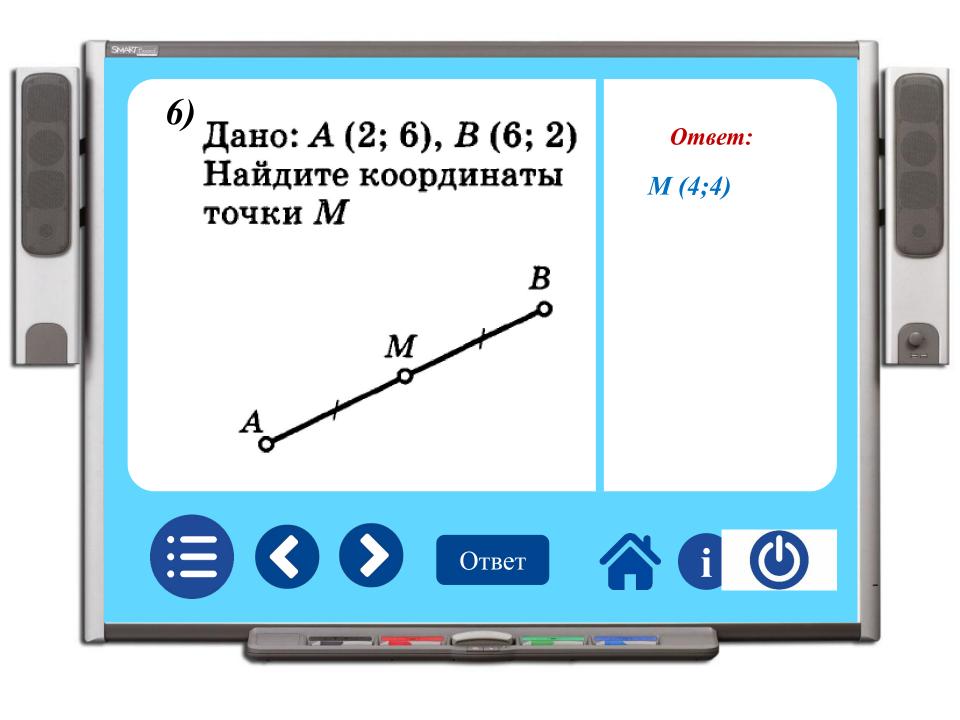


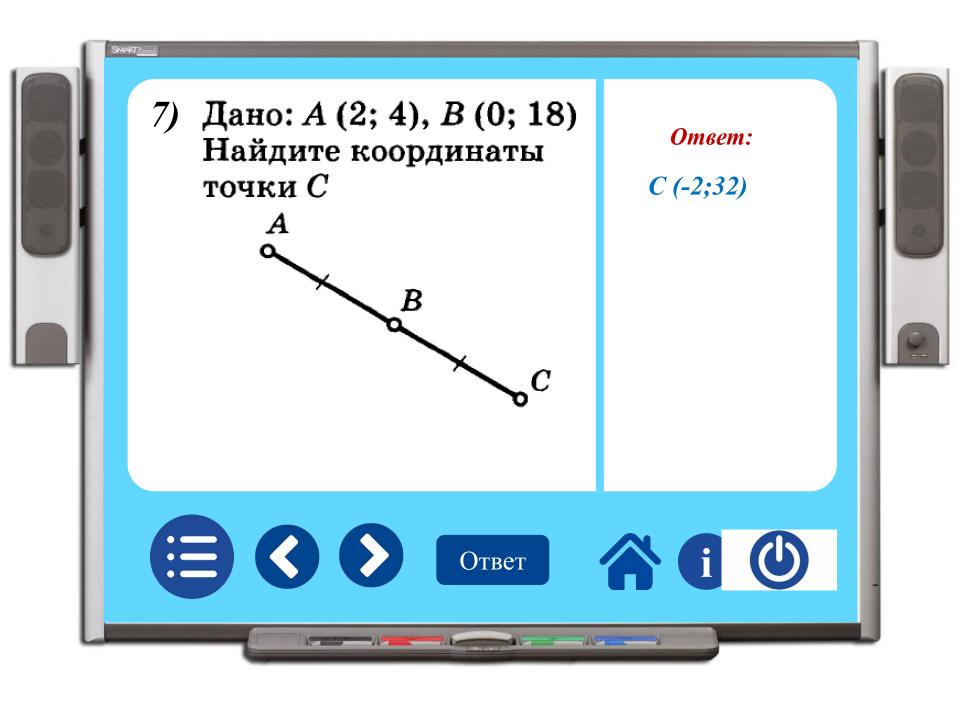


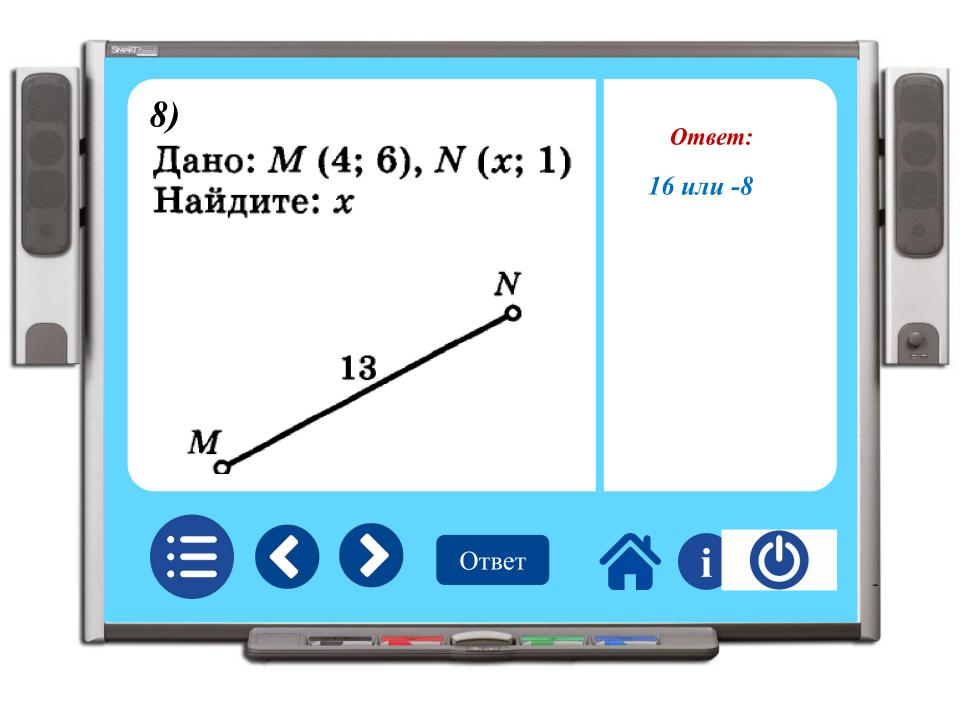




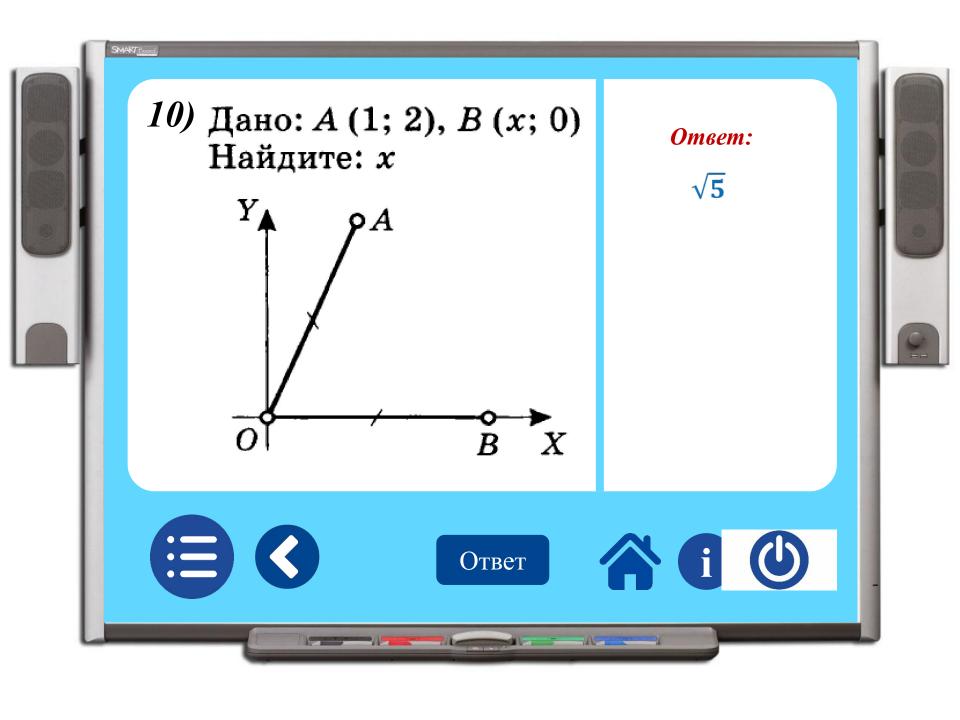


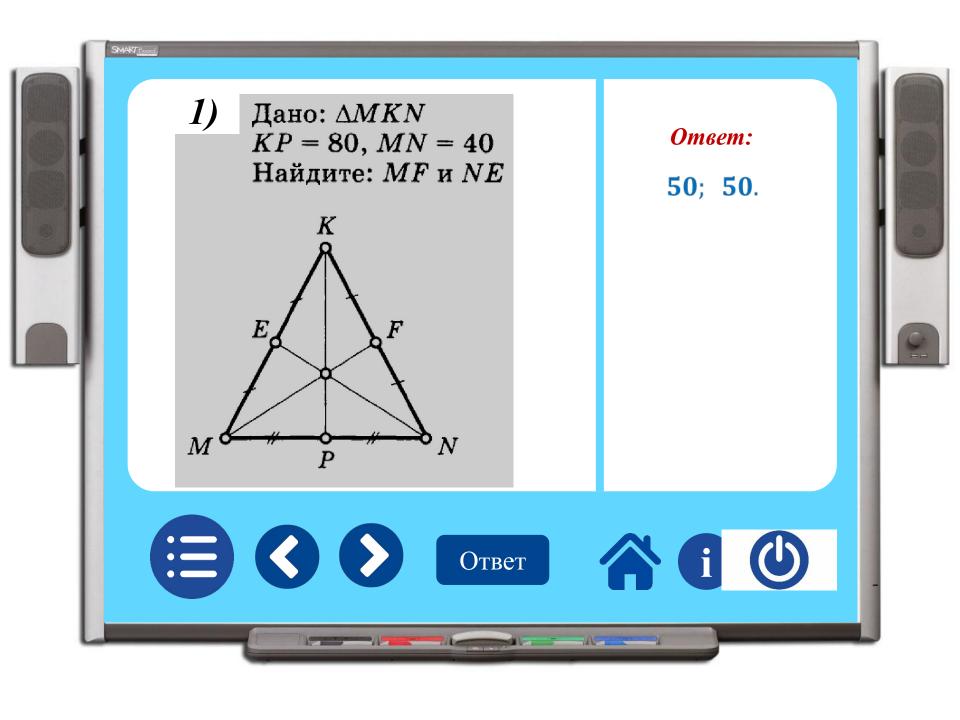


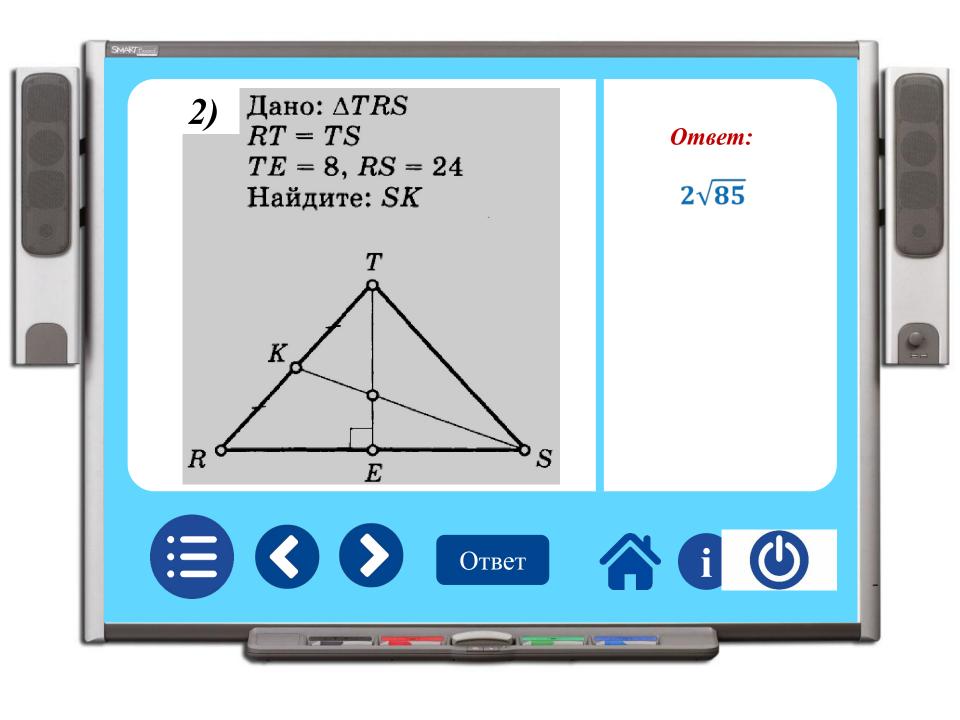


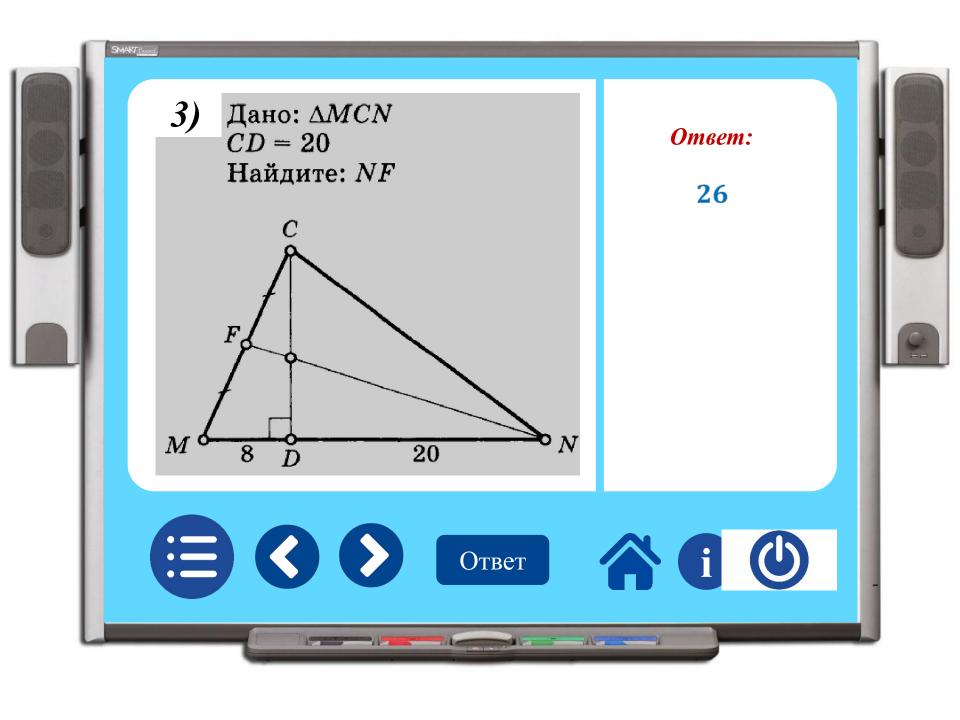


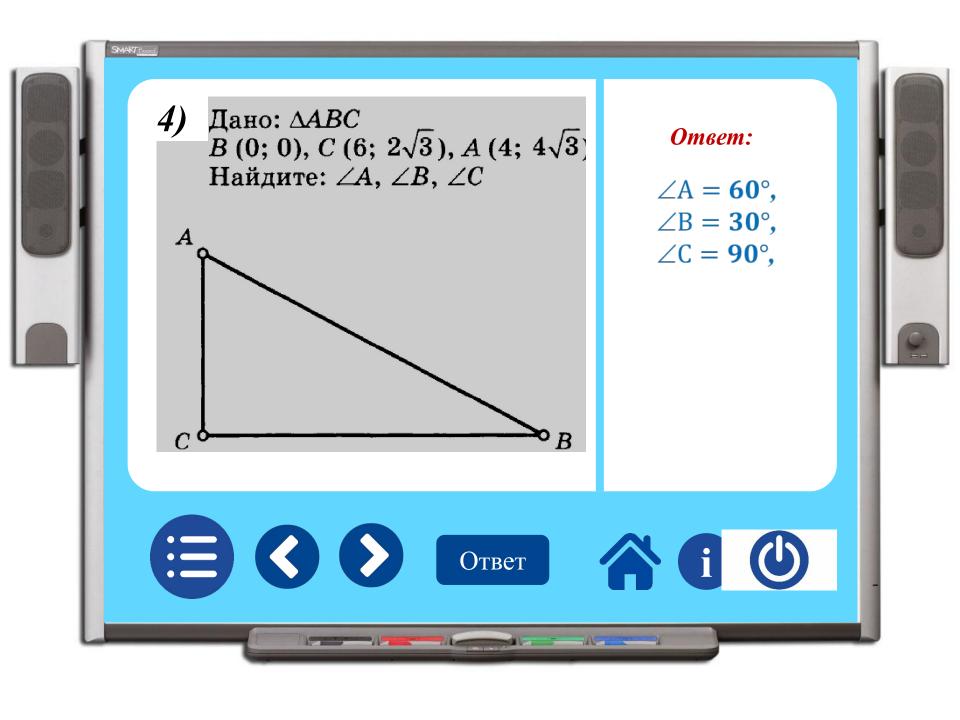
9) Ответ: Дано: S(2x; -2), T(6; 4x)3 или -2 Найдите: х 14 E C DTBET A G

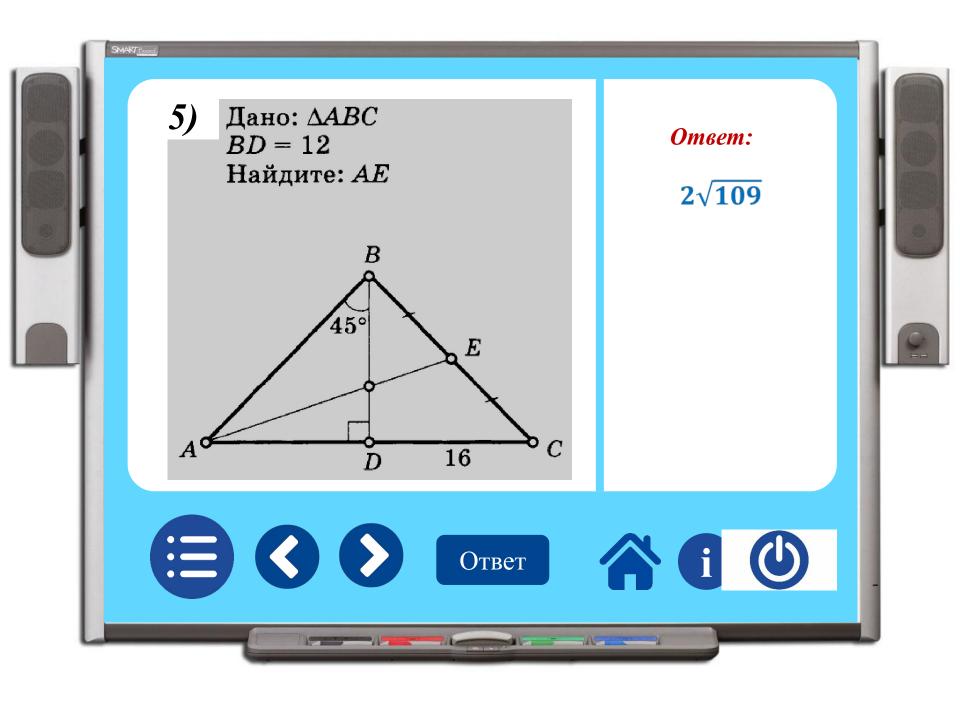


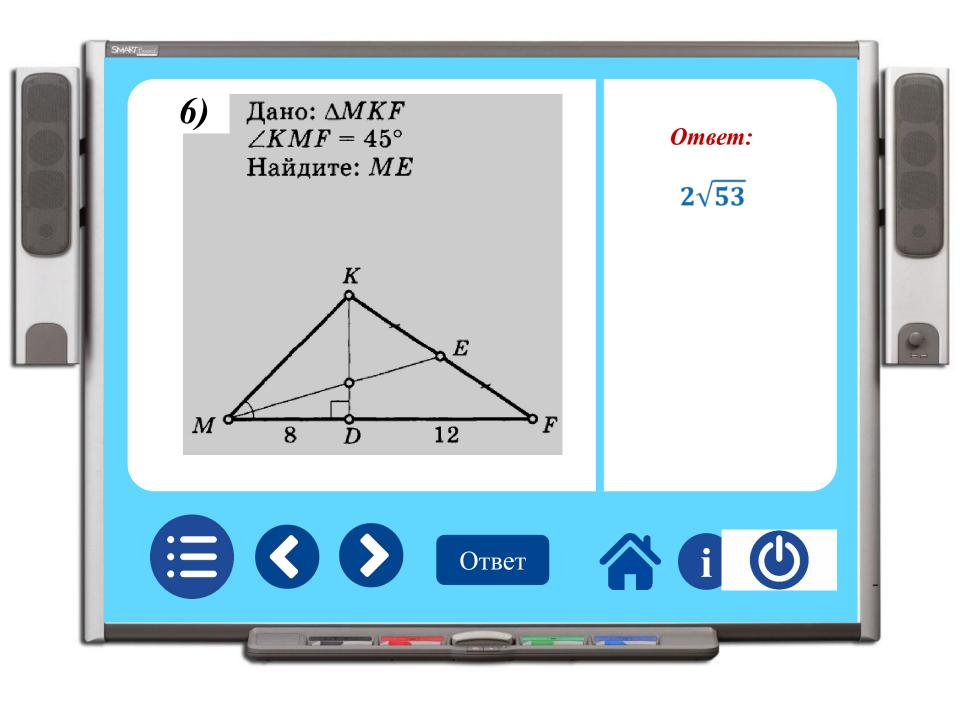


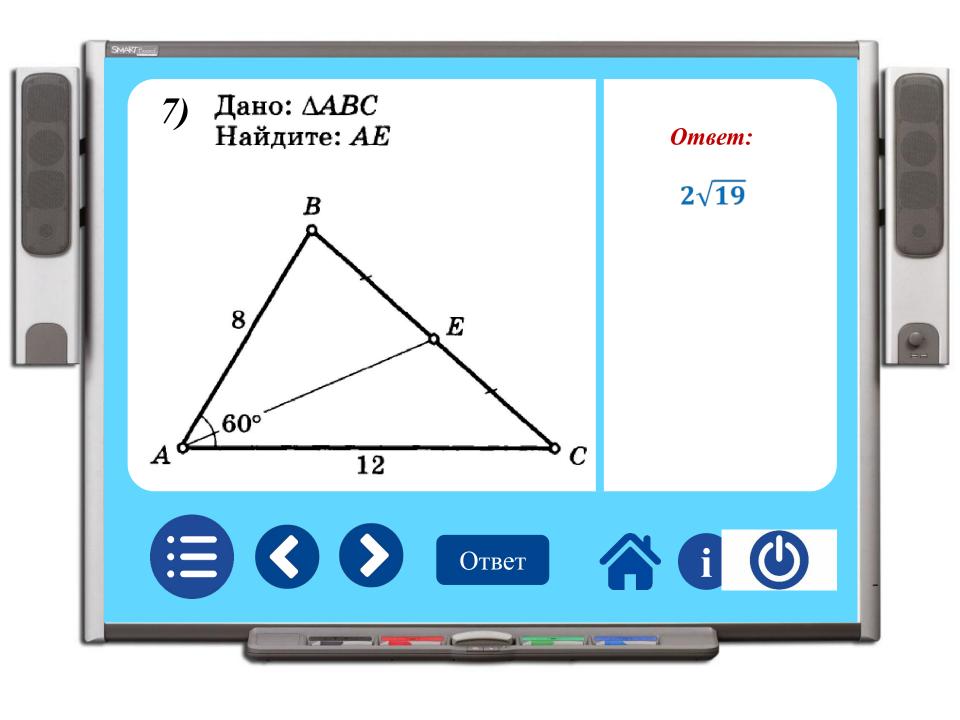


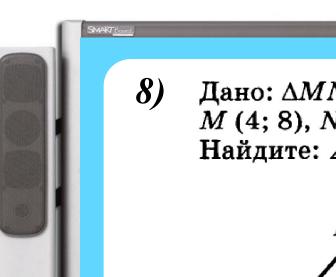












Дано: *∆МNР*

M (4; 8), N (8; 2), P (14; 6)

Найдите: $\angle M$, $\angle N$, $\angle P$

Ответ:

$$\angle M = \angle P = 45^{\circ},$$

 $\angle N = 90^{\circ}$

