



وزارة التربية والتعليم و التعليم الفني
الإدارة المركزية للتعليم العام
إدارة تنمية مادة الرياضيات

برعاية معالي وزير التربية والتعليم و التعليم العام السيد الأستاذ / محمد عبد اللطيف

وتوجيهات رئيس الإدارة المركزية للتعليم العام

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إشراف علمي
مستشار الرياضيات

أ / منال عزقول

إدعاءات ونقييمات لمنهج الرياضيات

للصف الأول الثانوي **لفات**
الفصل الدراسي الثاني
للعام الدراسي 2025 / 2026

الأسبوع الحادي عشر

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(11) الرياضيات لغات للصف الأول الثانوي الأداء الصفى الأسبوع الحادي عشر (11)

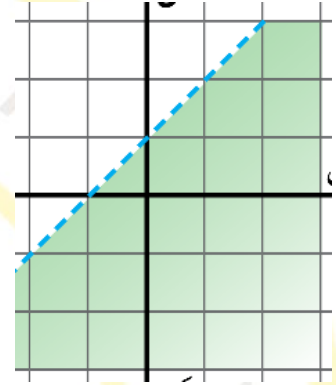
First: Algebra:

1) Mention two points that belong to the solution set of the inequality: $y - 2x < 2$ and two points that do not belong to it.

2) Represent graphically the solution set of the inequality $2x - y \geq 6$ in the coordinate plane $R \times R$.

3) Represent graphically the solution set of the inequality $y < 5x - 5$ in the coordinate plane $R \times R$.

4) Write the inequality that satisfies the solution set of the shaded area in the figure opposite.



Second: Trigonometry:

5) Find the area of a circular segment with a radius of 10 cm. and the measure of its angle 2.2^{rad} approximate the answer to the nearest two decimal places.

6) Find the area of the circular segment whose radius is 8 cm length and the measure of its angle is equal to 135° .

7) Find the area of the circular segment whose radius is 14 cm length and its arc length is 22 cm.

8) Find the area of the largest circular segment whose chord is equal to the length of the radius of its circle, which is equal to 12 cm.

Third: Geometry:

9) Find the length of the perpendicular drawn from the point (1 , 1) to the straight line $x + y = 0$.

10) Find the length of the perpendicular from the point (2 ,-5) to the straight line $\vec{r} = (-1 , 0) + k(12 , 5)$.



(11) الرياضيات لغات للصف الأول الثانوي الأداء المنزلي الأسبوع الحادي عشر (11)

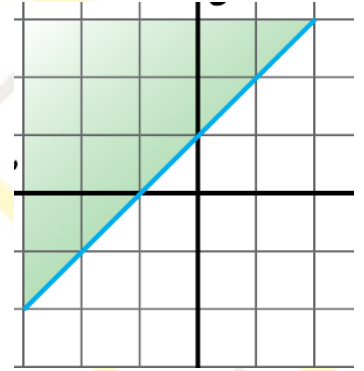
First: Algebra:

1) Mention two points that belong to the solution set of the inequality $2y + 2x < 4$ and two points that do not belong to it.

2) Represent graphically the solution set of the inequality $2x + 3y \geq 12$ in the coordinate plane $R \times R$.

3) Represent graphically the solution set of the inequality $y < 3x - 3$ in the coordinate plane $R \times R$.

4) Write the inequality that satisfies the solution set of the shaded area in the figure opposite.



Second: Trigonometry:

5) Find the area of a circular segment with a radius of 8 cm. and the measure of its angle 1.3^{rad} approximate the answer to the nearest two decimal places.

6) Find the area of the circular segment whose radius is 10 cm length and the measure of its angle is equal to 90° .

7) Find the area of the circular segment whose radius is 7 cm length and its arc length is 11 cm.

8) Find the area of the largest circular segment whose chord is equal to the length of the radius of its circle, which is equal to 9 cm.

Third: Geometry:

9) Find the length of the perpendicular from the point $(2, 3)$ to the straight line $3x + 4y = 6$.

10) Find the length of the perpendicular drawn from the point $(1, 3)$ to the straight line $\vec{r} = (2, 5) + k(3, 4)$.



(11) الرياضيات لغات للصف الأول الثانوي التقييمات الأسبوعية الأسبوع الحادي عشر (11)

First group:

- 1) Mention two points that belong to the solution set of the inequality $y + 2x < 4$ and two points that do not belong to it.
- 2) Find the area of a circular segment with a radius of 5 cm. and the measure of its angle 1.2^{rad} approximate the answer to the nearest two decimal places.
- 3) Find the area of the circular segment whose radius is 6 cm length and the measure of its angle is equal to 60° .
- 4) Find the length of the perpendicular from the point (2 , 2) to the straight line $4x + 3y = 6$.
- 5) Find the length of the perpendicular drawn from the point (2 , 0) to the straight line $\vec{r} = (1, 1) + k(5, 12)$.

Second group:

- 1) Mention two points that belong to the solution set of the inequality $3y - x < 3$ and two points that do not belong to it.
- 2) Find the area of a circular segment with a radius of 3 cm. and the measure of its angle 2.1^{rad} approximate the answer to the nearest two decimal places.
- 3) Find the area of the circular segment whose radius is 5 cm length and the measure of its angle is equal to 30° .
- 4) Find the length of the perpendicular from the point (3 , -1) to the straight line $2x + y = 0$.
- 5) Find the length of the perpendicular drawn from the point (1 , -1) to the straight line $\vec{r} = (3, 0) + k(4, 3)$.



Third group:

- 1) Mention two points that belong to the solution set of the inequality $2y + 2x < 6$ and two points that do not belong to it.
- 2) Find the area of a circular segment with a radius of 6 cm. and the measure of its angle 1.7^{rad} approximate the answer to the nearest two decimal places.
- 3) Find the area of the circular segment whose radius is 3 cm length and the measure of its angle is equal to 45° .
- 4) Find the length of the perpendicular from the point $(1, 1)$ to the straight line $x + y = 0$.
- 5) Find the length of the perpendicular drawn from the point $(2, 5)$ to the straight line $\vec{r} = (1, 0) + k(3, 4)$.