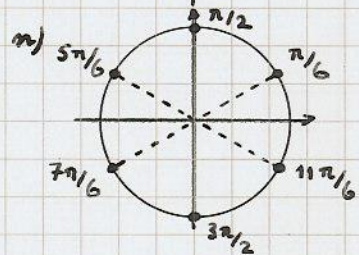
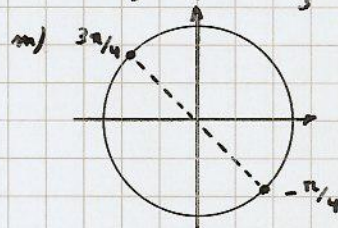
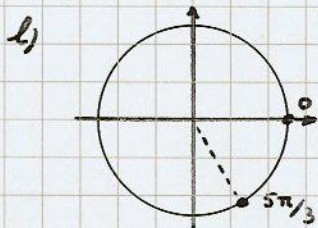
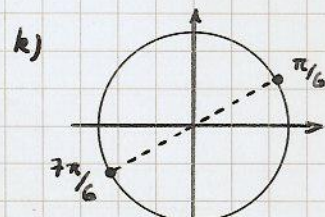
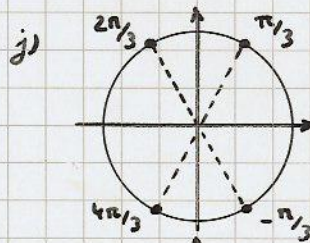
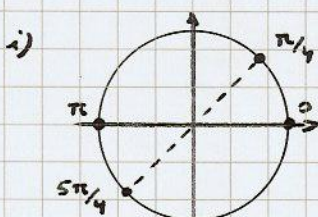


8. i) $x = k\pi$ ou $x = \frac{\pi}{4} + k\pi$ m) $x = -\frac{\pi}{4} + k\pi$
 j) $x = \frac{\pi}{3} + k\pi$ ou $x = -\frac{\pi}{3} + k\pi$ n) $x = \frac{\pi}{6} + k \cdot \frac{\pi}{3}$
 k) $x = \frac{\pi}{6} + k\pi$
 l) $x = k \cdot 2\pi$ ou $x = \frac{5\pi}{3} + k \cdot 2\pi$

Représentations des solutions.



9. a) $\alpha \approx 147,72^\circ$ $\beta \approx 18,69^\circ$ $\gamma \approx 13,59^\circ$
 b) $\beta = 110^\circ$ $a \approx 53,21 \text{ (m)}$ $c \approx 68,40 \text{ (m)}$
 c) $b \approx 13,69 \text{ (m)}$ $\alpha \approx 59,66^\circ$ $\gamma \approx 40,34^\circ$
 d) $\beta_1 \approx 34,75^\circ$ $\alpha_1 \approx 125,25^\circ$ $a_1 \approx 7,16 \text{ (m)}$ ou ...
 $\beta_2 \approx 145,25^\circ$ $\alpha_2 \approx 14,75^\circ$ $a_2 \approx 2,23 \text{ (m)}$
 e) $\gamma = 40^\circ$ $b \approx 13,16 \text{ (m)}$ $c \approx 8,999 \text{ (m)}$

10. a) $12^\circ 20' 42''$ b) $31^\circ 36' 34,2''$ c) $140^\circ 54' 45,1''$ d) $9^\circ 0' 1,8''$

11. a) $15,4706^\circ$ b) $120,2653^\circ$ c) $4,9836^\circ$ d) $90,6731^\circ$

12. Il faut une mesure appartenant à $]-180^\circ, 180^\circ]$:

$$3000^\circ - 8 \cdot 360^\circ = 120^\circ.$$