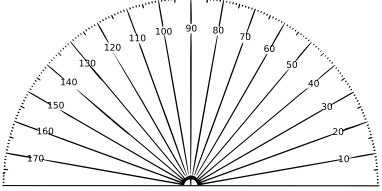
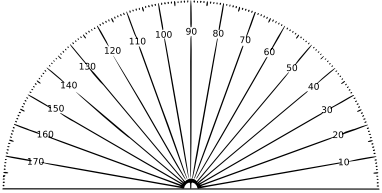


Drawing and measuring angles. Checking measures in trigonometric tables.

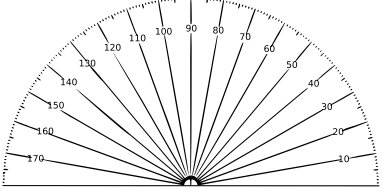
Task 1.

(a) Draw an acute angle $\alpha$ such that $\operatorname{tg}\alpha = 2$ .	(b) Measure the angle $\alpha$ using a protractor.
	$\alpha \approx \dots\dots\dots$ 
(c) Find in <a href="#">trigonometric tables</a> (page 34) a number closest to the given value of $\operatorname{tg}\alpha$ .	(d) Find the size of the angle $\alpha$ in trigonometric tables
$\operatorname{tg}\alpha = 2 = 2.000 \approx \dots\dots\dots$	$\alpha \approx \dots\dots\dots$

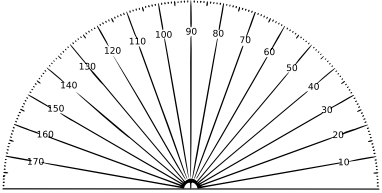
Task 2.

(a) Draw an acute angle $\alpha$ such that $\sin\alpha = \frac{4}{5}$ .	(b) Measure the angle $\alpha$ using a protractor.
	$\alpha \approx \dots\dots\dots$ 
(c) Find in <a href="#">trigonometric tables</a> (page 34) a number closest to the given value of $\sin\alpha$ .	(d) Find the size of the angle $\alpha$ in trigonometric tables
$\sin\alpha = \frac{4}{5} = 0.8000 \approx \dots\dots\dots$	$\alpha \approx \dots\dots\dots$

Task 3.

<p>(a) Draw an acute angle <math>\alpha</math> such that <math>\cos\alpha = \frac{3}{7}</math>.</p>	<p>(b) Measure the angle <math>\alpha</math> using a protractor.</p>
	<p><math>\alpha \approx \dots\dots\dots</math></p> 
<p>(c) Find in <a href="#">trigonometric tables</a> (page 34) a number closest to the given value of <math>\cos\alpha</math>.</p>	<p>(d) Find the size of the angle <math>\alpha</math> in trigonometric tables</p>
<p><math>\cos\alpha = \frac{3}{7} \approx 0.4286 \approx \dots\dots\dots</math></p>	<p><math>\alpha \approx \dots\dots\dots</math></p>

Task 4.

<p>(a) Draw an acute angle <math>\alpha</math> such that <math>\operatorname{ctg}\alpha = \frac{7}{5}</math>.</p>	<p>(b) Measure the angle <math>\alpha</math> using a protractor.</p>
	<p><math>\alpha \approx \dots\dots\dots</math></p> 
<p>(c) Find in <a href="#">trigonometric tables</a> (page 34) a number closest to the given value of <math>\operatorname{tg}\alpha</math>.</p>	<p>(d) Find the size of the angle <math>\alpha</math> in trigonometric tables</p>
<p><math>\operatorname{tg}\alpha \approx \dots\dots\dots</math></p>	<p><math>\alpha \approx \dots\dots\dots</math></p>