

# Match-Up

# Trigonometric Equations

Match the trigonometric equation with the correct diagram.

<b>1</b>		<b>2</b>		<b>A</b>	$x = \tan^{-1}\left(\frac{7}{10}\right)$
<b>3</b>		<b>4</b>		<b>B</b>	$x = 10 \times \sin 38$
<b>5</b>		<b>6</b>		<b>C</b>	$x = 10 \times \tan 38$
<b>7</b>		<b>8</b>		<b>D</b>	$x = \frac{10}{\sin 38}$
<b>9</b>		<b>10</b>		<b>E</b>	$x = \sin^{-1}\left(\frac{7}{10}\right)$
				<b>F</b>	$x = \tan^{-1}\left(\frac{10}{7}\right)$
				<b>G</b>	$x = 10 \times \cos 38$
				<b>H</b>	$x = \frac{10}{\cos 38}$
				<b>I</b>	$x = \frac{10}{\tan 38}$
				<b>J</b>	$x = \cos^{-1}\left(\frac{7}{10}\right)$

<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>	<b>8</b>	<b>9</b>	<b>10</b>
<b>E</b>	<b>G</b>	<b>C</b>	<b>F</b>	<b>H</b>	<b>J</b>	<b>A</b>	<b>D</b>	<b>B</b>	<b>I</b>