SURDS LOOPS 1

STUDENT RESOURCE

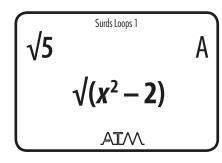
$$1 + \sqrt{5} \qquad A$$

$$(\sqrt{5} - 2) x$$
ATM

$$3 - \sqrt{5}$$

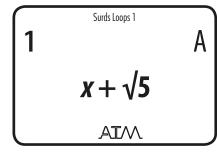
$$3 - x$$

$$A = x$$



Surds Loops 1
$$(\sqrt{3}x + 5)^{\frac{1}{2}}$$
ATM

Surds Loops 1
$$\begin{array}{c}
\sqrt{8} & A \\
X^2 - 7 \\
A \boxed{1} & A
\end{array}$$

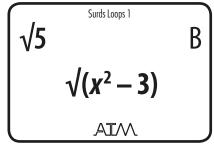


Surds Loops 1
$$\sqrt{3} \qquad \qquad B$$

$$\sqrt{(x^2 + 2) + 1}$$

$$AT \land \land \land$$

$$\begin{array}{c}
\text{Surds Loops 1} \\
1 + \sqrt{5} & B \\
x - 1 \\
\text{AT} & \\
\end{array}$$

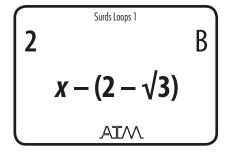


Surds Loops 1
$$x(\sqrt{2}-1)$$

$$AT \wedge \wedge$$

Surds Loops 1
$$2 - \sqrt{2}$$

$$x + \sqrt{2}$$
ATM



Surds Loops 1
$$\sqrt{2} \qquad \qquad C$$

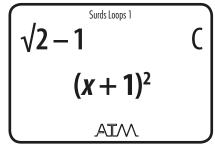
$$x + 1$$

$$A I \wedge \wedge$$

Surds Loops 1
$$1 + \sqrt{2}$$

$$\frac{1}{x}$$

$$A \mathbb{I} \wedge \wedge$$



Surds Loops 1
$$\sqrt{(x^2 + 1)}$$
ATM

Surds Loops 1

$$\begin{array}{c}
X \\
\sqrt{10} \\
A \boxed{1}
\end{array}$$