Surds worksheet:

1)

Match cards that have the same value

$3\sqrt{10}$	$\sqrt{252}$	$\sqrt{200}$	12	$6\sqrt{7}$
$\sqrt{50}$	$\sqrt{256}$	$\sqrt{20}$	$\sqrt[2]{144}$	$8\sqrt{4}$
$\sqrt{90}$	$2\sqrt{5}$	$5\sqrt{2}$	$4\sqrt{6}$	$10\sqrt{2}$
$9\sqrt{3}$	$\sqrt{243}$	$\sqrt{98}$	$7\sqrt{2}$	$\sqrt{96}$

Surds worksheet:

2)

Match cards that have the same value

$\sqrt{20}$	$\sqrt{90}$	$7\sqrt{3}$	$3\sqrt{10}$	$10\sqrt{2}$
$2\sqrt{5}$	12	$9\sqrt{4}$	$\sqrt{216}$	$\sqrt{32}$
$\sqrt{200}$	$\sqrt{175}$	$\sqrt[2]{144}$	$4\sqrt{2}$	$\sqrt{324}$
$\sqrt{128}$	$5\sqrt{7}$	$\sqrt{147}$	$6\sqrt{6}$	$8\sqrt{2}$

Surds worksheet:

3)

Match cards that have the same value

$\sqrt{80}$	$\sqrt[2]{144}$	$3\sqrt{6}$	$\sqrt{54}$	$7\sqrt{4}$
$\sqrt{175}$	$\sqrt{8}$	$10\sqrt{2}$	$2\sqrt{2}$	$\sqrt{360}$
12	$9\sqrt{2}$	$\sqrt{192}$	$8\sqrt{3}$	$\sqrt{162}$
$4\sqrt{5}$	$\sqrt{196}$	$6\sqrt{10}$	$\sqrt{200}$	$5\sqrt{7}$

Surds worksheet:

4)

Match cards that have the same value

$8\sqrt{4}$	$6\sqrt{10}$	$\sqrt{98}$	$\sqrt{360}$	$10\sqrt{2}$
$9\sqrt{3}$	$\sqrt{243}$	$\sqrt{32}$	$\sqrt{63}$	$\sqrt{200}$
$\sqrt{150}$	$5\sqrt{6}$	$7\sqrt{2}$	$3\sqrt{7}$	12
$4\sqrt{2}$	$2\sqrt{5}$	$\sqrt[2]{144}$	$\sqrt{256}$	$\sqrt{20}$

Surds worksheet:

5)

Match cards that have the same value

$5\sqrt{10}$	$\sqrt{54}$	$\sqrt{128}$	$\sqrt{20}$	$9\sqrt{3}$
$\sqrt{98}$	$\sqrt{72}$	$3\sqrt{6}$	12	$10\sqrt{4}$
$7\sqrt{2}$	$\sqrt{250}$	$8\sqrt{2}$	$2\sqrt{5}$	$6\sqrt{2}$
$\sqrt{400}$	$\sqrt{243}$	$\sqrt[2]{144}$	$\sqrt{112}$	$4\sqrt{7}$

Surds worksheet:

6)

Match cards that have the same value

$9\sqrt{3}$	$6\sqrt{6}$	$\sqrt{256}$	$8\sqrt{4}$	$2\sqrt{10}$
$\sqrt{216}$	$4\sqrt{5}$	$\sqrt[2]{144}$	$10\sqrt{2}$	$\sqrt{98}$
$3\sqrt{2}$	$\sqrt{18}$	$\sqrt{243}$	$7\sqrt{2}$	$5\sqrt{7}$
12	$\sqrt{80}$	$\sqrt{40}$	$\sqrt{200}$	$\sqrt{175}$

Surds worksheet:

7)

Match cards that have the same value

$8\sqrt{3}$	$\sqrt{400}$	12	$9\sqrt{2}$	$4\sqrt{6}$
$\sqrt{175}$	$\sqrt{192}$	$2\sqrt{10}$	$\sqrt{96}$	$\sqrt{18}$
$\sqrt{98}$	$6\sqrt{5}$	$5\sqrt{7}$	$\sqrt[2]{144}$	$\sqrt{162}$
$\sqrt{40}$	$3\sqrt{2}$	$\sqrt{180}$	$7\sqrt{2}$	$10\sqrt{4}$