

# Worksheet

## Unit K5 –Mixing colours of light

Imagine you have only three spotlights red, green and blue.

What combinations of red, green and blue do you use to make the following colours?

- 1 – Yellow
- 2 – Cyan
- 3 – Magenta
- 4 – White

You can change the colour of a spotlight by putting in different filters.

What combination of primary colours gets through each of the following filters?

- 5 – Red filter
- 6 – Yellow Filter
- 7 – Cyan filter

You can put more than one filter in a white spotlight. What colour of light would you get with these combinations of filters?

- 8 – Yellow and cyan
- 9 – Magenta and cyan
- 10 – Magenta and yellow

