Surds 2

Exercise A

Rationalise the denominator:

1. $\frac{5}{\sqrt{2}}$
2. $\frac{3}{\sqrt{5}}$
3. $\frac{2}{\sqrt{7}}$
4. $\frac{3}{5\sqrt{2}}$
5. $\frac{4}{3\sqrt{2}}$
6. $\frac{6}{7\sqrt{3}}$
7. $\frac{1}{4\sqrt{5}}$
8. $\frac{3}{5\sqrt{2}}$
9. $\frac{3}{5+\sqrt{2}}$
10. $\frac{1}{7+\sqrt{3}}$
11. $\frac{5}{3-\sqrt{2}}$
12. $\frac{2}{5-\sqrt{3}}$
13. $\frac{1}{8+\sqrt{3}}$
14. $\frac{2}{3+2\sqrt{5}}$
15. $\frac{6}{5-3\sqrt{2}}$
16. $\frac{7}{1-2\sqrt{3}}$
17. $\frac{4}{8+5\sqrt{3}}$
18. $\frac{1}{6-3\sqrt{7}}$