

SEF026
Essential Foundation Mathematical Skills

School of Mathematical Sciences
Queen Mary University of London

MOCK Test 1 solutions
(Test 1 of academic year 2022-23)

Solutions

1. $\frac{10}{21}\sqrt{21}$
2. 4
3. $\frac{41}{3}$
4. $6 - \frac{10}{3}\sqrt{3}$
5. 1
6. $2^3 \cdot 3^2 \cdot 5$
7. not in the list
8. $\frac{(-6)^3}{11^3}$
9. $9 \times 10^{-3} < x < 10^{-2}$
10. $0.8 < x < 0.9$
11. $5.009 < x < 5.01$
12. $\frac{1}{5}$
13. $2 \cdot 3 \cdot 337$
14. not in the list
15. not in the list
16. 1
17. 2
18. $\frac{1}{8}, \frac{1}{6}, 0.19, \frac{1}{5}, 26\%, 0.3$
19. $\frac{3^2}{5^2}$
20. $\frac{\sqrt{21}}{3}$