Equivalent fraction models - answers

Worked answers / Keep separate from the student sheet.

1. Show 1/3 on a unit number line and as an area model. Write an equivalent fraction with denominator 6.

1/3 = 2/6. Place the point 0.33333 of the way from 0 to 1; shade 1 of 3 equal areas.

2. Show 2/4 on a unit number line and as an area model. Write an equivalent fraction with denominator 8.

2/4 = 4/8. Place the point 0.5 of the way from 0 to 1; shade 2 of 4 equal areas.

3. Show 3/5 on a unit number line and as an area model. Write an equivalent fraction with denominator 10.

3/5 = 6/10. Place the point 0.6 of the way from 0 to 1; shade 3 of 5 equal areas.

4. Show 4/6 on a unit number line and as an area model. Write an equivalent fraction with denominator 12.

4/6 = 8/12. Place the point 0.66667 of the way from 0 to 1; shade 4 of 6 equal areas.

5. Show 5/7 on a unit number line and as an area model. Write an equivalent fraction with denominator 14.

5/7 = 10/14. Place the point 0.71429 of the way from 0 to 1; shade 5 of 7 equal areas.

6. Show 6/8 on a unit number line and as an area model. Write an equivalent fraction with denominator 16.

6/8 = 12/16. Place the point 0.75 of the way from 0 to 1; shade 6 of 8 equal areas.

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