I can use a bar model to help me calculate fractions of an amount

Step 1: Calculate the unit fraction of the amount e.g. Find one third of the amount and then find one sixth of the amount.

Step 2: Use your knowledge of the unit (1/3) fraction to help you calculate the non-unit (2/3) fraction.

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| 18 | | | | | | | | | | | | | |
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|  | |  | | |  | |  | |  | | |  | |
| 1a) 1/3 of 18 =  1b) 1/6 of 18 =  1c) 2/3 of 18 =  1d) 5/6 of 18 = | | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | | |
|  | | |  | | |  | |  | | |  | | |
|  |  | |  |  | |  |  |  | |  |  | |  |
| 3a) 1/5 of 15 =  3b) 1/10 of 15 =  3c) 3/5 of 15 =  3d) 7/10 of 15 = | | | | | | | | | | | | | |

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| 21 | | | | | | | | | | | | | | | |
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| 2a) 1/3 of 21 =  2b) 1/7 of 21 =  2c) 2/3 of 21 =  2d) 4/7 of 21 = | | | | | | | | | | | | | | | |
| 16 | | | | | | | | | | | | | | | |
|  | | |  | | | | |  | | | | |  | | |
|  |  | |  | | |  | |  | |  | | |  | |  |
| 4a) 1/4 of 16 =  4b) 1/8 of 16 =  4c) 3/4 of 16 =  4d) 7/8 of 16 = | | | | | | | | | | | | | | | |

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| 30 | | | | | | | | | | | | | |
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|  | |  | | | |  | |  | | | |  | |
| 6a) 1/3 of 21 =  6b) 1/5 of 21 =  6c) 2/3 of 21 =  6d) 4/5 of 21 = | | | | | | | | | | | | | |
| 32 | | | | | | | | | | | | | |
|  | | |  | | | |  | | | |  | | |
|  |  | |  | |  | |  | |  | |  | |  |
| 8a) 1/4 of 32 =  8b) 1/8 of 32 =  8c) 3/4 of 32 =  8d) 7/8 of 32 = | | | | | | | | | | | | | |

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| 24 | | | | | | | | | |
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|  |  |  | |  |  |  | |  |  |
| 5a) 1/3 of 24 =  5b) 1/8 of 24 =  5c) 2/3 of 24 =  5d) 5/8 of 24 = | | | | | | | | | |
| 64 | | | | | | | | | |
|  | |  | | |  | | |  | |
|  |  |  | |  |  |  | |  |  |
| 7a) 1/4 of 64 =  7b) 1/8 of 64 =  7c) 3/4 of 64 =  7d) 7/8 of 64 = | | | | | | | | | |

Extension: 3/6 of 24 = 15 Is this correct? Prove it!