

Unit 4: Division Study Guide

1. Meliah has 12 volleyball trophies. She would like to place an equal number of trophies on each of 3 shelves. How many trophies should she put on each shelf? Write a number sentence to solve.

2. Solve.
 $182 \div 7 =$ _____

3. Choose your magnitude estimate. Then solve.
 $3 \overline{)168}$

0.1s	1s	10s	100s
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4. Solve. Show your work.
 $51/3 =$ _____

5. Solve. Show your work.
 $749 \div 38 =$ _____

6. Choose your magnitude estimate. Then solve.
 $13 \overline{)10.40}$

0.1s	1s	10s	100s
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7. Solve. Show your work.
 $6 \times$ _____ $= 108$

8. Choose your magnitude estimate. Explain how you got your estimate.
 $7 \overline{)751.8}$

0.1s	1s	10s	100s
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9. Choose your magnitude estimate. Then solve.
 $3 \overline{)316.5}$

0.1s	1s	10s	100s
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10. Choose your magnitude estimate. Then solve.
 $16 \overline{)17.60}$

0.1s	1s	10s	100s
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<p>11. Brad has 679 photographs that he wants to put in an album. Each page of his album holds 8 photographs. How many pages will he need?</p>	<p>12. Wayside School is going on a field trip to the zoo. The school has 624 students. Each bus can hold 30 students. How many buses are needed?</p>
<p>13. Sadie and her three friends made \$70 from selling bracelets. If she splits the money equally between each person, how much will each receive?</p>	<p>14. A book store is selling hardbacks for 6 dollars apiece. If Emily has 28 dollars, how many books can she buy?</p>
<p>15. Kylie has 4123 CDs that she needs to pack into boxes. Each box can hold 75 CDs. How many boxes will she need?</p>	<p>16. Student Council has decided to buy pizza for the students at Wayside School. The council has a budget of \$450. Each pizza costs 9 dollars. How many pizzas can the council buy?</p>
<p>17. Paper Depot will be delivering 1365 cases of paper today. 35 trucks are being loaded with an equal number of cases of paper. How many cases will each truck carry?</p>	<p>18. Wayside School is holding an awards banquet for its graduating students. The school is expecting 225 guests. If each table can seat 7 guests, how many tables will be needed?</p>
<p>19. There are 312 gumballs in the gumball machine. There are an equal number of each of 8 colors. How many gumballs of each color are in the machine?</p>	<p>20. Olivia's pet snail named Bob can move 342 centimeters in 18 minutes. How many centimeters can Bob move in one minute?</p>