***MPM1DS – I Instruct You to Solve Practice*** Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Answer each question with one or more calculations. Then write instruction(s) to go with your calculations. No numbers in the instructions please! Here are some other useful words:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Length | Height | Speed | Number | Percent |
| Rate | Distance | Cost | Total | Hour/Hourly |
| Week/Weekly | Day/Daily | Volume | Mass | Fraction |
| Tax | Amount | Price | Withdrawal | Deposit |
| Pay | Time | Area |  |  |
|  |  |  |  |  |

1. Cheng buys 6 apples and each apple costs $0.75. How much does he pay in total?
2. Azar rides her bicycle. She travels 50 km in 4 hours. How fast does she travel?
3. Nagham has a rope that is 58 cm long. She cuts the rope into 6 pieces. How long is each piece of rope?
4. Joris buys a bag of 12 oranges, but finds that 3 of them are rotten. How many good oranges does Joris have?
5. Lim read 32 pages and Grace read 22 pages. Gaurav read as much as Lim and Grace combined. How many pages did Gaurav read?
6. Mily has $200 in her bank account. She withdraws $35 every week for 4 weeks. How much does she have left in her bank account?
7. Bowen earns $12 per hour, and he works for 6 hours per day. He spends all of his money on books, which cost $5 each. How many books can he buy?
8. Bawi and Grace pour water into a bowl that has a volume of 2000 mL. Bawi pours at a rate of 25 mL/s, and Grace pours at a rate of 15 mL/s. How long will it take them to fill the bowl?
9. Lucas has 60 candies. He gives 20% of his candies to Mr Yewen and keeps a quarter of the candies for himself. He gives the rest of the candies to the class. How many candies does he give to the class?
10. Yonglai is travelling to Toronto, which is 500 km from Ottawa. He drives 80 km/h for the first 3 hours, and then increases his speed. If he arrives in Toronto 6 hours after leaving Ottawa, how fast did he drive after increasing his speed?