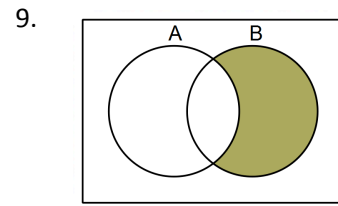
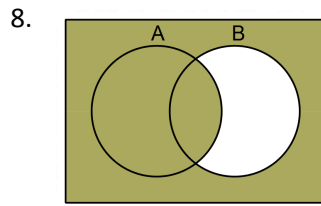
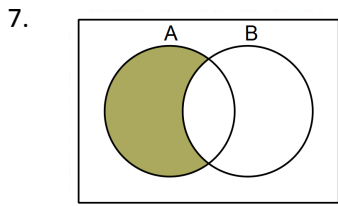
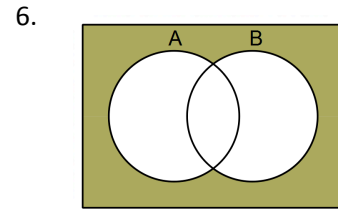
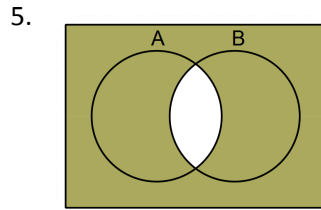
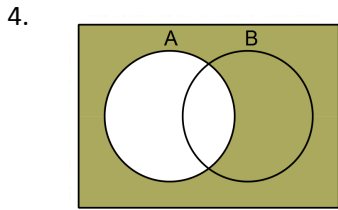
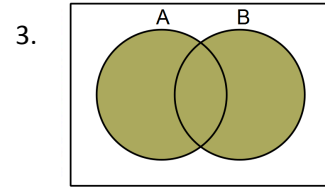
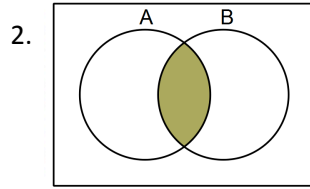
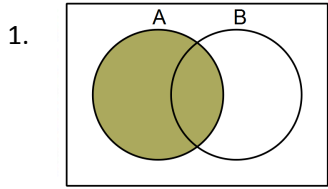


**SM2H unit 10 test review answers**



10a. {Jan, Feb, Mar, Apr, May, June, July, Aug, Sept, Oct, Nov, Dec}

10b. {September, October, November, December}

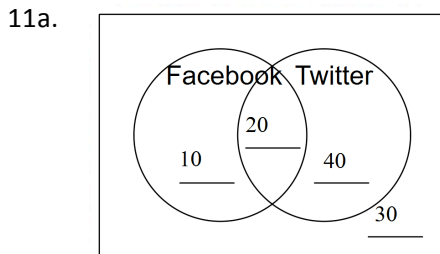
10c. {Jan, Mar, May, July, Aug, Oct, Dec}

10d. {January, February, March, April, May, June, July, August}

10e. {Sept, Oct, Nov, Dec, Jan, Mar, May, July, Aug}

10f. {October, December}

10g. {Feb, Apr, June}



11b.  $\frac{7}{10}$  or 70%

	Chores	No Chores	Total
Allowance	65	15	80
No Allowance	20	30	50
Total	85	45	130

12a.  $P(\text{allowance}) = \frac{8}{13}$

12b.  $P(\text{chores} \cap \text{no allowance}) = \frac{2}{13}$

12c.  $P(\text{no chores} \cup \text{allowance}) = \frac{11}{13}$

12d.  $P(\text{allowance} | \text{chores}) = \frac{13}{17}$

12e.  $P(\text{no chores} | \text{no allowance}) = \frac{3}{5}$

13a. 60%

13b. 35%

13c. 10%

13d. 85%

13e. 29% or 28.6%

13f. 17% or 16.7%

13g. 23% or 23.1%

13h. 83% or 83.3%

13i. 63% or 62.5%

14. a)

b) {2,3,4,5,6,7,8,10}

c) {4,6}

d) {2,8,10}

e) {1,2,8,9,10}

15. a)  $\frac{2}{7}$                       d)  $\frac{5}{7}$

b)  $\frac{32}{245}$                       e)  $\frac{19}{35}$

c)  $\frac{33}{49}$                       f)  $\frac{5}{7}$

16. 120

17. 720

18. 560

19. 2162

20. 70

21. 5040

22. 3,991,680

23. 1

24. 120

25. 453600

26. 3,268,760

27. 720

28. 100000

29. 160

30. a)  $\frac{9}{20}$

b)  $\frac{3}{10}$

c)  $\frac{3}{4}$

d)  $\frac{11}{20}$

31. a)  $\frac{1}{4}$

b)  $\frac{1}{13}$

c)  $\frac{1}{2}$

d)  $\frac{4}{13}$

e)  $\frac{1}{52}$

f)  $\frac{3}{4}$