DarTutors · HCF and LCM Word Problems

Name: Date:

1. A shopkeeper has 24 pencils and 16 pens. She wants to make identical bundles, using every pencil and every pen, with the largest possible number of bundles. How many bundles can she make?

2. A shopkeeper has 22 pencils and 18 pens. She wants to make identical bundles, using every pencil and every pen, with the largest possible number of bundles. How many bundles can she make?

3. A shopkeeper has 9 pencils and 48 pens. She wants to make identical bundles, using every pencil and every pen, with the largest possible number of bundles. How many bundles can she make?

4. A shopkeeper has 6 pencils and 42 pens. She wants to make identical bundles, using every pencil and every pen, with the largest possible number of bundles. How many bundles can she make?

---

5. A shopkeeper has 55 pencils and 50 pens. She wants to make identical bundles, using every pencil and every pen, with the largest possible number of bundles. How many bundles can she make?

---

6. A shopkeeper has 18 pencils and 51 pens. She wants to make identical bundles, using every pencil and every pen, with the largest possible number of bundles. How many bundles can she make?

---

7. Two dala dala buses leave the same stage together. One returns to the stage every 50 minutes, the other every 18 minutes. After how many minutes will they next leave the stage together?

---

8. Two dala dala buses leave the same stage together. One returns to the stage every 29 minutes, the other every 35 minutes. After how many minutes will they next leave the stage together?

---

9. A shopkeeper has 49 pencils and 37 pens. She wants to make identical bundles, using every pencil and every pen, with the largest possible number of bundles. How many bundles can she make?

---

10. A shopkeeper has 56 pencils and 25 pens. She wants to make identical bundles, using every pencil and every pen, with the largest possible number of bundles. How many bundles can she make?

DarTutors · HCF and LCM Word Problems

ANSWER KEY

1. 8

2. 2

3. 3

4. 6

5. 5

6. 3

7. 450 minutes

8. 1015 minutes

9. 1

10. 1

Want more practice like this?
Book a session at dartutors.com